

# SWG 200 CEM

**EMISSION MONOTORING ANALYZER** 



7902 Horseshoe Circle Humble, Texas 77396 Phone: (832) 230-0155 / Fax: (832) 230-1553 www.mru-instruments.com

### SWG 200 CEM



**SWG 200 CEM** Page: *2 of 6* Price list valid till: *12/31/2025* 

## SWG200-CEM Continuous Emission Monitoring System

Stationary Flue Gas Emission Analyzer



Due to technical improvements or changes, picture of analyzer might be changed without notice!

The flue gas analysis system SWG200 is the rugged, high-tech industrial gas analyzer for relatively clean applications of:

- clean flue gas / stack gas / exhaust gas emission sites
- natural gas, biogas & diesel gensets and CHP
- methane / natural gas boilers and steam power stations
- iron & steel furnaces, surface treatment, process heaters
- squared gas turbines, power plants and cement plant stacks
- please consult MRU for heavy applications with higher Sulphur and acid mist flue gas

#### Instrument main features are

- included dual heat exchanger Peltier gas cooler with two automatic condensate draining pumps
- → up to 8 gas infrared measurements with CO CC2 NO NO2 N2O SO2 CH4 C3H8
- using advanced DPTechnology for NDIR measurements with improved accuracy and without offset drifts
- O2 measurement using electrochemical sensor (ECS) or paramagnetic cell (PM)
- true NOx and SO2 measurements requires heated gas sampling probe and heated gas sampling line
- ⇒ low NOx and SO₂ measurements requires also the option phosphoric acid dosage
- optional automatic calibration requires also the option phosphoric acid dosage
- ⇒ up to maximum 2x sampling points switching, when using heated gas sampling lines
- ⇒ up to maximum 4x sampling points switching, when using non-heated gas sampling line:
  ⇒ direct, simultaneous and continuous measurement, with pressure and temperature compensation
- automatic zeroing using clean ambient air and separate calibration inlet por, with optional auto-cal
- internal sample flow monitoring and alarm of probe's filter or analyzer internal filter clogging
- sampling from low suction -150mbar up to +50mbar pressure of flue gas



7902 Horseshoe Circle Humble, Texas 77396 Phone: (832) 230-0155 / Fax: (832) 230-1553 www.mru-instruments.com

## SWG 200 CEM



SWG 200 CEM Page: 3 of 6 Price list valid till: 12/31/2025

#### **SWG 200 CEM** Part No. Unit price Discount **Total Price** 951053 \$22,396.00 SWG 200 CEM with - IP54 stainless steel AISI-304 cabinet 600x700x210mm (WxHxD), with fan ventilation \$22,396.00 0% maximal length of up to maximum 2x heated sampling lines is limited to 5,6KW power consumption • dual heat exchanger Peltier gas cooler and 2x automatic condensate draining pumps • condensate monitoring and alarm on display as well as stopping of sample gas flow • efficient sample gas filtration using PTFE sintered particulate filter • regulated sample gas pump with sample gas flow monitoring and alarm • filtration of acid gases to protect the internal sample gas flow sensor · solenoid valve for auto-zero with clean ambient air • solenoid valve for calibration gas, with aluminum fine pressure regulator at cal. gas inlet port • gas inlet ports, either for heated or non-heated sampling lines, are selected from the optional items list • human machine interface with color TFT display, keyboard and standard RS485 interface (Modbus RTU) SWG 200 PRU • all password protected, intuitive software guided menu, with diagnosis software and logbook

NOTE: basic analyzer from above must be equipped with measuring modules and other options from below

power supply to analyzer with 230Vac / 47-63Hz / 150W (add power for probe and heated sampling line)
 clean indoor mounting place, preferably air conditioned, cabinet has monitored fan ventilation
 outdoor mounting in clean, +5°C to 45°C ambient, with mandatory sun & rain protection (user scope)

02 SENSORS				QTY	Part No.	Unit price	Discount	Total Price
Sensor OPTION - 02	long-lif	e electrochemical cell 0 - 25	% SELECT ONE	1	65419	\$966.00	0%	\$966.00
Sensor OPTION - O2	using p	aramagnetical cell 0 - 25	% SELECT ONE	1	11744-В	\$10,663.00	0%	\$10,663.00
6 - Gas NDIR bench				QTY	Part No.	Unit price	Discount	Total Price
NDIR Module (6 GAS)	CO / CO2	0 200 ppm up to 10,000 ppm	0 40.0%	1	13204-A	\$15,498.00	0%	\$15,498.00
	NO / NO2	0 200 up to 4,000 ppm	0 200 up to 1,000 ppm		•			•
	HC as CH4 / SO2	0 500 ppm up to 10,000 ppm	0 200 up to 4,000 ppm					
6 - Gas NDIR bench				QTY	Part No.	Unit price	Discount	Total Price
NDIR Module (6 GAS)	CO / CO2	0 200 ppm up to 10,000 ppm	0 40.0%	1	13205-A	\$15,498.00	0%	\$15,498.00
	NO / NO2	0 200 up to 4,000 ppm	0 200 up to 1,000 ppm		•	•	•	•
	HC as C3H8 / SO2	0 300 ppm up to 10,000 ppm	0 200 up to 4,000 ppm					
8 - Gas NDIR bench				QTY	Part No.	Unit price	Discount	Total Price
NDIR Module (8 GAS)	CO / CO2	0 200 ppm up to 10,000 ppm	0 40.0%	1	13206-A	\$23,640.00	0%	\$23,640.00
	NO / NO2	0 200 up to 4,000 ppm	0 200 up to 1,000 ppm		•			•
	HC as CH4 / C3H8	0 500 ppm up to 10,000 ppm	0 300 up to 10,000 ppm					
	N2O / SO2	0 200 up to 1,000 ppm	0 200 up to 4,000 ppm					
DATA TRANSFER				QTY	Part No.	Unit price	Discount	Total Price
I/O Module with 4chane	4-20mA analog outpu	ıt and 2 alarm relays (fail-safe NO cont	acts)	1	65430-A	\$590.00	0%	\$590.00
incl. remote sample poin	t switching control via	4x contacts and 4 channel analog inpu	it 4-20mA		•			
NOTE: recommended fo	r the first sampling po	oint						
I/O Module with 4chane	4-20mA analog outpu	ut and 2 alarm relays (fail-safe NO cont	acts)	1	65179-B	\$439.00	0%	\$439.00
NOTE: recommended for	each additional samp	ling point			•	•	•	•
RS485 to Profi-Bus conve	erter			1	66029-A	\$1,061.00	0%	\$1,061.00
RS485 to Ethernet conve	rter			1	66030-A	\$736.00	0%	\$736.00
RS485 to Profi - Net conv	erter - converter shall	be mounted in safe area (DCS room) -	over user scope 2(3)-wire cable	1	14122	\$2,362.00	0%	\$2,362.00
RS485 to USB				1	62543-A	\$306.00	0%	\$306.00
MRU4win - "full" version s	oftware, for real time da	ta acquisition and handling on PC with Wir	ndows10	1	10539	\$298.00	0%	\$298.00

NOTE: maximum of 5 data transfer modules can be installed (example: 4x I/O modules plus 1x Ethernet converter)



7902 Horseshoe Circle Humble, Texas 77396 Phone: (832) 230-0155 / Fax: (832) 230-1553 www.mru-instruments.com

## SWG 200 CEM



SWG 200 CEM Page: 4 of 6 Price list valid till: 12/31/2025

Unbested 1600 (FTFG) sampling line DN 4 / 6 mm (I m length)	OPTIONS	QTY	Part No.	Unit price	Discount	Total Price
Unbehated refine (PTR) sampling line DN 4 / 6 mm (1 in length)  NOTE: price per meter length, order 50x24 xx for a XNT length sampling line  Nouring set for analyzer transparature regulating of probes the or thicky without the act of these sampling line; incl. the MCM corror module  Notes please use the #64962-xx connecting cable between probe and analyzer  Notes please use the #64962-xx connecting cable between probe and analyzer  Notes please use the #64962-xx connecting cable between probe and analyzer  Notes please use the #64962-xx connecting cable between probe and analyzer  Notes residued the regulation of the	Unheated sample gas inlet port	1	12604	\$552.00	0%	\$552.00
NOTE: price per meter length, corder 30024-ax for a XVm length sampling line bounding extro manyer trangerature registring of prices tells on the Wolf, without the use of heateds shrolling line, licit, the MCN control module Notes please use the 64906-2x connecting cable between probe and analyzer Power supply cable for Highdrust probe 5m (from min. 5m to XVm) or control module Notes please use use the 64906-2x connecting cable between probe and analyzer Power supply cable for Highdrust probe 5m (from min. 5m to XVm) or control module Notes (Sec. 2x from a XVm long unique line. Sec. 2x from a XVm long unique line sec. 2x from a XVm long unique line. Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVm long unique line in the Sec. 2x from a XVM long unique line in the Sec. 2x from a XVM long unique line in the Sec. 2x from a XVM long unique line in the Sec. 2x from a XVM long unique line in the Sec. 2x from a XVM long unique line in the Sec. 2x from a XVM long unique line in the Sec. 2x fr	Not suitable for measurements with NO2 and SO2 measurements.			1	ļ.	
1   13495     51,167.00   9%   91,167.00	Unheated Teflon (PTFE) sampling line DN 4 / 6 mm (1 m length)	1	50624	\$11.00	0%	\$11.00
National time use of healted sampling line. (incl. the MMC control module Notice please use the #68692-xx connecting cable between probe and analyzer Power supply cable for Highdoot probe Smr (from min. Smr to Xirn)  Order 46692-0x (or a XXIn lung sample line.  AUTO-CAL for 2 gas cylinders — \$5.00 * [DXm total length - Sm]  Cabinet 300W healter, temperature regulated, freeze protection from 14°F 230VAC 11 18857 51,266.00 0% 51,266.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,268.00 0% 52,726.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,268.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,268.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,268.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,268.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,268.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,268.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,268.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,268.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,269.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,269.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,269.00 0% 51,268.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,269.00 0% 51,269.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,269.00 0% 51,269.00  AUTO-CAL for 3 gas cylinders — gas cylinders NOT included 11 12552-34. \$1,269.00 0% 51,269.00  AUTO-CAL for 3 gas cylinders — gas cyl	NOTE: price per meter length, order 50624-xx for a XXm length sampling line		- I	·L	l .	
Note: please use the #66492.xx connecting cable between probe and analyzer    1	Mounting set for analyser temperature regulating of probes HD or HD-GW,	1	13495	\$1,167.00	0%	\$1,167.00
Dever supply cable for lightidust proble 5m (from min5m to XXm)	without the use of heated sampling line, incl. the MCM control module					<u>'</u>
Octobe 5680-2xt for a Xtm long sample line   X   1   64962-2xt   5.00   05k   5.5.00   Cabinet 300W heater, temperature regulated, freeze protection from 14°F   220VAC   1   14837   51,266.00   09k   51,266.00   AITO-CAL for 2 gas cylinders   gas cylinders   gas cylinders   V   1   12552-2x-   52,266.00   09k   51,266.00   09k   51,	Note: please use the #64962-xx connecting cable between probe and analyzer					
Xx total length price = 5.00   YkXm total length - 5m    1   64662-xw   55.00   05k   55.00	Power supply cable for Highdust probe 5m (from min. 5m to XXm)	1	64962-05	\$103.00	0%	\$103.00
Cabinet 200W heater, temperature regulated, freeze protection from 16°F   280VAC   1   1887   5.1266.00   0%   5.1266.00   AUTO-CAL for 2 gas cylinders gas cylinders NOT included   1   12552-2-A   5627.00   0%   5.227.00   0%   5.228.00   AUTO-CAL for 2 gas cylinders gas cylinders NOT included   1   12552-3-A   5.1266.00   0%   5.1286.00   AUTO-CAL for 3 gas cylinders gas cylinders NOT included   1   12552-3-A   5.126.00   0%   5.1286.00   AUTO-CAL for 3 gas cylinders and calibration gas control through pand-wave and calibration gas out the through pand-wave and calibration gas out the "ceternal calibration line" to the probe, incl hand wave for switching the calibration gas via the "ceternal calibration line" to the probe, incl hand wave for switching the calibration gas via the "ceternal calibration line" to the probe, incl hand wave for switching the calibration gas via the "ceternal calibration points (the installation of the calibration gas line is searching syline to the probe (of heated line in 2200. with one PTE hose 6/4mm) and calibration gas worth one of the calibration gas via the "ceternal required PTE hose 6/4mm leaves probe and inside analyzer worth one of the calibration gas from the hand and manufaction of the calibration gas via the calibration gas for the calibr	Order 64962-XX for a XXm long sample line.		•	•		-
AUTO-CAL for 2 gas cylinders	XX total length price = 5m price + \$ 5.00 * [XXm total length - 5m]	1	64962-xx	\$5.00	0%	\$5.00
AUTO-CAL for 3 gas cylinders	Cabinet 300W heater, temperature regulated, freeze protection from 14°F 230VAC	1	14837	\$1,266.00	0%	\$1,266.00
AUTO-CA. for 4 gas cylinders   Gas cylinders   Socy (Inders NOT) included   1   12552-4A   51,926.00   0%   51,187.00   Calibration gas routes through and-valve and calibration gas outlets to the probes,   1   13479C   51,187.00   0%   51,187	AUTO-CAL for 2 gas cylinders gas cylinders NOT included	1	12552-2-A	\$627.00	0%	\$627.00
Calibration gas routet through and valve and calibration gas outlets to the probes.  Calibration gas via the "external calibration line" to the probe, inch hand valve for switching the calibration gas via the "external calibration line" to the probe, inch hand valve for switching the calibration gas to tever calibration points (the inchalation of the calibration gas in calibration gas routed through probe (for heated line #1260) with one PTFE hose 6/4mm)  Localibration gas routed through probe (for heated line #1260) with one PTFE hose 6/4mm)  Localibration gas routed through probe (for heated line #1260) with one PTFE hose 6/4mm)  Localibration gas routed through probe (for heated line #1260) with one PTFE hose 6/4mm)  Localibration gas routed through probe of the state of the part of the probe and analyzer with the probe and analyzer must be ordered separately or is user scope  DM410 dust mentor and DF25 flow rate monitor mounting set  NOTE: caternal required PTFE hose 6/4mm between probe and analyzer, must be ordered separately or is user scope  DM410 dust mentor and DF25 flow rate monitor mounting set  NOTE: connecting set for connecting DM401 and DF252 to SWG100CEM flue gas analyzer  Special connecting cable for 4x analog output 4-2mA, and incl. power supply wires 1, N, PE  1 12595 \$10.00 0% \$10.00  NOTE: connecting cable for 4x analog output 4-2mA, and incl. power supply mires 1, N, PE  1 12595 \$10.00 0% \$10.00  NOTE: connecting bright probe protect SWG from hash and direct weather elements such as sun, rain, hall, and snow.  1 1 59979 \$916.00 0% \$916.00  PTCP per meter length, order 27?27-XX for a XXm length of cable  Aluminum Frame awning to protect SWG from hash and direct weather elements such as sun, rain, hall, and snow.  1 2 59979 \$916.00 0% \$916.00  PTCP Probe with quart woof litter, 320°F heated by manufact remperature regulator  Probe with quart woof litter, 320°F heated by manufact remperature regulator  Probe with quart woof litter, 320°F heated by brobe's bull-in thermostat  Probe with back-p	AUTO-CAL for 3 gas cylinders gas cylinders NOT included	1	12552-3-A	\$1,268.00	0%	\$1,268.00
Calibration gas via the "external calibration in ine" to the probe, incl hand valve for switching the calibration gost between Calibration points the installation of the calibration gas intenses as part of the probe of the calibration gas intenses as separately from the heated sampling lines).  Calibration gas vicined through probe (or heated line ratgod) with one PIF libes (6/mm)   1   13479D   51,599.00   0%   51,599.00   10. Nand-valve for switching the call gas supply between probe and inside analyzer MOTE: external required PIFE hose 6/mm)   1   12706   5196.00   0%   5196.00   10. Note: external required PIFE hose 6/mm   1   12706   5196.00   0%   5196.00   10. Note: external required PIFE hose 6/mm   1   12706   5196.00   0%   5196.00   10. Note: external required PIFE hose 6/mm   1   12706   5196.00   0%   5196.00   0%   5196.00   10. Note: external required PIFE hose 6/mm   1   12706   5196.00   0%   5196.00   0	AUTO-CAL for 4 gas cylinders gas cylinders NOT included	1	12552-4-A	\$1,926.00	0%	\$1,926.00
See Seeven calibration points (the installation of the calibration gas incers is separately from the heated sampling lines).	Calibration gas routet throug hand-valve and calibration gas outlets to the probes,	1	13479C	\$1,187.00	0%	\$1,187.00
Calibration gas routed through probe (for heated line #12601 with one PTFE hose 6/4mm)   1   134790   51,599.00   0%   \$1,599.00   incl. hand-valve for switching the calgas supply between probe and inside analyzer	Calibration gas via the "external calibraion line" to the probe, incl hand valve for switching the calibration					
incl. hand-valve for switching the cal gas supply between probe and inside analyzer  NOTE: external required PTFE hose 6/4mm between probe and analyzer, must be ordered separately or is user scope  NOTE: mounting set for connecting DM401 and DF252 to SWC100CEM flue gas analyzer  Scend connecting cobie for 4 analogy cutyot 4:20ma, and incl. power supply wires I. N, PE  1 12595 \$10.00 0% \$196.00  NOTE: connect flow rate monitor DF252 to main analyzer SWGX00  price per meter length, order 7????*X6 for a X/Xm length of cable  Aluminum Frame awaing to protect W96 from harsh and direct weather elements such as sun, rain, hail, and snow.  1 59979 \$916.00 0% \$916.00  NTE: connect flow rate monitor DF252 to main analyzer SWGX00  price per meter length, order ?????*X6 for a X/Xm length of cable  Aluminum Frame awaing to protect W96 from harsh and direct weather elements such as sun, rain, hail, and snow.  1 59979 \$916.00 0% \$916.00  NTE: connect flow rate monitor DF252 to main analyzer SWGX00  price per meter length, order ?????*X6 for a X/Xm length of cable  Aluminum Frame awaing to protect W96 from harsh and direct weather elements such as sun, rain, hail, and snow.  1 59979 \$916.00 0% \$916.00  NTE: connect flow rate monitor DF252 to main analyzer SWGX00  RAS SAMPLING PROBES HD-GW (HIGH DUST-GLASS WOOL)  Gas sampling probe model HD-GW, for flue gas with soot, oily, acid mist  230Vac heater power supply and 600W power consumption  Probe with quartz wool filter, 320°F heated by probe's built-in thermostat  230Vac heater power supply and 600W power consumption  Probe with back-purge able ceramic filter, 320°F heated by analyzer temperature regulator  1 61557F \$4,741.00 0% \$4,741.00  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW  Probe tube Ø 0.87" x 9.84" (22 x 250mm) Stainless steel 1202 °F (650°C) 1 60458 \$366.00 0% \$366.00  Probe tube Ø 0.87" x 9.984" (22 x 250mm) Stainless steel 1202 °F (650°C) 1 50957 \$494.00 0% \$395.00  Probe tube Ø 0.87" x 9.935" (27 x 1000mm) Kanthal steel 2012 °F	gas between calibration points (the installation of the calibration gas lines is separately from the heated sampling lines).					
NOTE: external required PTFE hose 6/4mm between probe and analyzer, must be ordered separately or is user scope  DMM01 dust monitor and DF232 flow rate monitor mounting set  Special connecting Set for connecting DMM01 and DF252 to SWG100CEM filue gas analyzer  Special connecting cable for 4x analog output 4-20mA, and Inc.) power supply wires I, N, PE  Special connecting cable for 4x analog output 4-20mA, and Inc.) power supply wires I, N, PE  Special connecting cable for 4x analog output 4-20mA, and Inc.) power supply wires I, N, PE  NOTE: connect flow rate monitor DF252 to main analyzer SWGX00  price per meter length, order ?????AX for a XXm length of cable  Aluminum Frame awning to protect SWG from harsh and direct weather elements such as sun, rain, hall, and snow.  H 1 59979	Calibration gas routed through probe (for heated line #12601 with one PTFE hose 6/4mm)	1	13479D	\$1,599.00	0%	\$1,599.00
1   12706   \$196.00   0%   \$196.00	incl. hand-valve for switching the cal.gas supply between probe and inside analyzer					
NOTE: mounting set for connecting DM401 and DF252 to SWG100CEM flue gas analyzer  Special connecting cable for 4x analog output 4-20m4, and incl. power supply wires L, N, PE  1 12595 \$10.00 0% \$10.00  NOTE: connect flow rate monitor DF252 to main analyzer SWG800  price per meter length, order ?????*-XX for a XXM length of cable  Aluminum Frame awning to protect SWG from harsh and direct weather elements such as sun, rain, hall, and snow.  1 59979 \$916.00 0% \$916.00  H 12 in, W 48 in, D 42 in, Assembly Required, Hardware included, Rust Resistant, Water Resistant  GAS SAMPLING PROBES HD-GW (HIGH DUST-GLASS WOOL)  Gas sampling probe model HD-GW, for flue gas with soot, oily, acid mist  230Vac heater power supply and 600W power consumption  Probe with quartz wool filter, 320°F heated by probe's built-in thermostat  1 61558F \$3,601.00 0% \$3,601.00  Probe with quartz wool filter, 320°F heated by analyzer temperature regulator  CAS SAMPLING PROBES HD-FLYING ASH  Gas sampling probe model HD, for flue gas with flying ash dust  230Vac heater power supply and 600W power consumption  Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  1 61557F \$4,741.00 0% \$4,741.00  Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  1 61557F \$4,741.00 0% \$4,741.00  Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  1 61557F \$4,741.00 0% \$5,014.00  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW QTY Part No. Unit price Discount Total Price Probe tube Ø 0.87° x 9.84° (22 x 250mm) Stainless steel 1202°F (650°C) 1 60458 \$36.00 0% \$366.00  Probe tube Ø 0.87° x 9.84° (22 x 250mm) Inconel steel 2012°F (100°C) 1 59957 \$494.00 0% \$395.00  Probe tube Ø 0.87° x 9.935° (22 x 1000mm) Inconel steel 2012°F (100°C) 1 59957 \$494.00 0% \$395.00  Probe tube Ø 0.68° x 99.03° (27 x 1500mm) Kanthal steel 2372°F (1300°C) 1 59957 \$494.00 0% \$2,2630.00  Probe tube Ø 0.68° x 99.03° (27 x 1500mm) Kanthal steel 2372°F (1300°C)	NOTE: external required PTFE hose 6/4mm between probe and analyzer, must be ordered separately or is user scope					
Special connecting cable for 4x analog output 4.20mA, and incl. power supply wires L, N, PE   1   12595   \$10.00   0%   \$10.00	DM401 dust monitor and DF252 flow rate monitor mounting set	1	12706	\$196.00	0%	\$196.00
NOTE: connect flow rate monitor DF252 to main analyzer SWGx00 price per meter length, order ????*XX for a XXm length of cable Aluninum Frame awning to protect SWG from harsh and direct weather elements such as sun, rain, hall, and snow.  1   59979   \$916.00   0%   \$916.00   H 12 in, W 48 in, D 42 in, Assembly Required, Hardware Included, Rust Resistant, Water Resistant	NOTE: mounting set for connecting DM401 and DF252 to SWG100CEM flue gas analyzer					
Price per meter length, order ?????-XX for a XXm length of cable	Special connecting cable for 4x analog output 4-20mA, and incl. power supply wires L, N, PE	1	12595	\$10.00	0%	\$10.00
Aluminum Frame awning to protect SWG from harsh and direct weather elements such as sun, rain, hall, and snow.  H 12 in, W 48 in, D 42 in, Assembly Required, Hardware Included, Rust Resistant, Water Resistant  GAS SAMPLING PROBES HD-GW (HIGH DUST-GLASS WOOL)  Gas sampling probe model HD-GW, for flue gas with soot, oily, acid mist 230Vac heater power supply and 600W power consumption  Probe with quartz wool filter, 320°F heated by analyzer temperature regulator 1 61558F \$3,601.00 0% \$3,601.00 Probe with quartz wool filter, 320°F heated by probe's built-in thermostat 1 61558S \$3,920.00 0% \$3,920.00 CAS SAMPLING PROBES HD-FLYING ASH QTV Part No. Unit price Discount Total Price Gas sampling probe model HD, for flue gas with flying ash dust 230Vac heater power supply and 600W power consumption Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat 1 61557F \$4,741.00 0% \$4,741.00 Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat 1 61557F \$4,741.00 0% \$5,014.00 Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat 1 61557F \$5,014.00 0% \$5,014.00 Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat 1 61557F \$4,741.00 0% \$4,741.00 Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat 1 61557F \$5,014.00 0% \$5,014.00 Probe tube Ø 0.87° x 9.84° (22 x 250mm) Stainless steel 1202 °F (650°C) 1 60458 \$366.00 0% \$366.00 Probe tube Ø 0.87° x 39.35° (22 x 1000mm) Inconel steel 1202 °F (650°C) 1 59551 \$436.00 0% \$395.00 Probe tube Ø 0.87° x 39.35° (22 x 1000mm) Inconel steel 2012 °F (1100°C) 1 59557 \$494.00 0% \$494.00 Probe tube Ø 0.06° x 59.03° (27 x 1500mm) Kanthal steel 2372 °F (1300°C) 1 56987 \$2,850.00 0% \$2,850.00 Probe tube Ø 1.06° x 59.03° (27 x 1500mm) Kanthal steel 2372 °F (1300°C) 1 56987 \$2,850.00 0% \$2,850.00 Probe tube Ø 0.94° x 59.03° (24 x 1500mm) Ceramic tube 3092 °F (1700°C) 1 59555 \$3,175.00 0% \$3,175.00 Probe tube Ø 0.94° x 59.03° (24 x 1500mm)	NOTE: connect flow rate monitor DF252 to main analyzer SWGx00					_
H 12 in, W 48 in, D 42 in, Assembly Required, Hardware Included, Rust Resistant, Water Resistant  GAS SAMPLING PROBES HD-GW (HIGH DUST-GLASS WOOL)  Gas sampling probe model HD-GW, for flue gas with soot, oily, acid mist 230Vac heater power supply and 600W power consumption  Probe with quartz wool filter, 320°F heated by analyzer temperature regulator Probe with quartz wool filter, 320°F heated by probe's built-in thermostat  Gas SAMPLING PROBES HD-FLYING ASH  Gas sampling probe model HD, for flue gas with flying ash dust 230Vac heater power supply and 600W power consumption  Probe with back-purge able ceramic filter, 320°F heated by analyzer temperature regulator Probe with back-purge able ceramic filter, 320°F heated by analyzer temperature regulator Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW Probe tube  Ø 0.87" x 9.84" (22 x 250mm) Stainless steel 1202 °F (650°C) 1 60458 5366.00 0% \$366.00 Probe tube  Ø 0.87" x 9.94" (22 x 1000mm) Stainless steel 1202 °F (650°C) 1 59551 \$436.00 0% \$395.00  Probe tube  Ø 0.87" x 19.68" (22 x 1000mm) Inconel steel 2012 °F (1100°C) 1 59557 \$494.00 0% \$494.00  Probe tube  Ø 0.87" x 39.35" (27 x 1000mm) Kanthal steel 2372 °F (1300°C) 1 56987 \$2,850.00 0% \$2,850.00  Probe tube  Ø 1.06" x 39.35" (27 x 1000mm) Kanthal steel 2372 °F (1300°C) 1 56987 \$2,850.00 0% \$2,850.00  Probe tube  Ø 0.94" x 39.35" (27 x 1000mm) Kanthal steel 2372 °F (1300°C) 1 56987 \$2,850.00 0% \$2,933.00  Probe tube  Ø 0.94" x 39.35" (24 x 1000mm) Ceramic tube 3092 °F (1700°C) 1 59555 \$2,648.00 0% \$2,648.00  Probe tube  Ø 0.94" x 39.35" (24 x 1000mm) Ceramic tube 3092 °F (1700°C) 1 59555 \$3,175.00 0% \$3,175.00	price per meter length, order ?????-XX for a XXm length of cable					
GAS SAMPLING PROBES HD-GW (HIGH DUST-GLASS WOOL)   QTY   Part No.   Unit price   Discount   Total Price   Cas sampling probe model HD-GW, for flue gas with soot, oily, acid mist	Aluminum Frame awning to protect SWG from harsh and direct weather elements such as sun, rain, hail, and snow.	1	59979	\$916.00	0%	\$916.00
Gas sampling probe model HD-GW, for flue gas with soot, oily, acid mist 230Vac heater power supply and 600W power consumption  Probe with quartz wool filter, 320°F heated by probe's built-in thermostat  Gas sampling probe model HD, for flue gas with flying ash dust 230Vac heater power supply and 600W power consumption  Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW QTY Part No. Unit price Discount Total Price With back-purge able ceramic filter, 320°F heated by analyzer temperature regulator  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW QTY Part No. Unit price Discount Total Price With back-purge able ceramic filter, 320°F heated by analyzer temperature regulator  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW QTY Part No. Unit price Discount Total Price Probe tube Ø 0.87" x 9.84" (22 x 250mm) Stainless steel 1202 °F (650°C) 1 60458 3366.00 0% 3366.00 Probe tube Ø 0.87" x 9.935" (22 x 1000mm) Stainless steel 1202 °F (650°C) 1 59557 \$494.00 0% \$436.00 Probe tube Ø 0.87" x 39.35" (22 x 1000mm) Inconel steel 2012 °F (1100°C) 1 59557 \$494.00 0% \$494.00 Probe tube Ø 0.87" x 39.35" (27 x 1000mm) Inconel steel 2012 °F (1100°C) 1 59557 \$494.00 0% \$494.00 Probe tube Ø 1.06" x 39.35" (27 x 1500mm) Kanthal steel 2372 °F (1300°C) 1 59687 \$2,850.00 0% \$2,850.00 Probe tube Ø 0.94" x 39.35" (27 x 1500mm) Kanthal steel 2372 °F (1300°C) 1 59555 \$2,648.00 0% \$2,933.00 Probe tube Ø 0.94" x 39.35" (24 x 1000mm) Ceramic tube 3092 °F (1700°C) 1 59555 \$2,648.00 0% \$2,648.00 Probe tube Ø 0.94" x 39.35" (24 x 1000mm) Ceramic tube 3092 °F (1700°C) 1 59555B \$3,175.00 0% \$3,175.00 Probe tube Ø 0.94" x 59.03" (24 x 1500mm) Ceramic tube 3092 °F (1700°C) 1 59555B \$3,175.00 0% \$3,175.00 Probe tube Ø 0.94" x 59.03" (24 x 1500mm) Ceramic tube 3092 °F (1700°C) 1 59555B \$3,175.00 0% \$3,175.00 Probe tube Ø 0.94" x 59.03" (24 x 1500mm) Ceramic tube 3092 °F (1700°C)	H 12 in, W 48 in, D 42 in, Assembly Required, Hardware Included, Rust Resistant, Water Resistant					
Gas sampling probe model HD-GW, for flue gas with soot, oily, acid mist 230Vac heater power supply and 600W power consumption  Probe with quartz wool filter, 320°F heated by probe's built-in thermostat  Gas sampling probe model HD, for flue gas with flying ash dust 230Vac heater power supply and 600W power consumption  Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW QTY Part No. Unit price Discount Total Price With back-purge able ceramic filter, 320°F heated by analyzer temperature regulator  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW QTY Part No. Unit price Discount Total Price With back-purge able ceramic filter, 320°F heated by analyzer temperature regulator  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW QTY Part No. Unit price Discount Total Price Probe tube Ø 0.87" x 9.84" (22 x 250mm) Stainless steel 1202 °F (650°C) 1 60458 3366.00 0% 3366.00 Probe tube Ø 0.87" x 9.935" (22 x 1000mm) Stainless steel 1202 °F (650°C) 1 59557 \$494.00 0% \$436.00 Probe tube Ø 0.87" x 39.35" (22 x 1000mm) Inconel steel 2012 °F (1100°C) 1 59557 \$494.00 0% \$494.00 Probe tube Ø 0.87" x 39.35" (27 x 1000mm) Inconel steel 2012 °F (1100°C) 1 59557 \$494.00 0% \$494.00 Probe tube Ø 1.06" x 39.35" (27 x 1500mm) Kanthal steel 2372 °F (1300°C) 1 59687 \$2,850.00 0% \$2,850.00 Probe tube Ø 0.94" x 39.35" (27 x 1500mm) Kanthal steel 2372 °F (1300°C) 1 59555 \$2,648.00 0% \$2,933.00 Probe tube Ø 0.94" x 39.35" (24 x 1000mm) Ceramic tube 3092 °F (1700°C) 1 59555 \$2,648.00 0% \$2,648.00 Probe tube Ø 0.94" x 39.35" (24 x 1000mm) Ceramic tube 3092 °F (1700°C) 1 59555B \$3,175.00 0% \$3,175.00 Probe tube Ø 0.94" x 59.03" (24 x 1500mm) Ceramic tube 3092 °F (1700°C) 1 59555B \$3,175.00 0% \$3,175.00 Probe tube Ø 0.94" x 59.03" (24 x 1500mm) Ceramic tube 3092 °F (1700°C) 1 59555B \$3,175.00 0% \$3,175.00 Probe tube Ø 0.94" x 59.03" (24 x 1500mm) Ceramic tube 3092 °F (1700°C)						
230Vac heater power supply and 600W power consumption  Probe with quartz wool filter, 320°F heated by analyzer temperature regulator  1 61558F \$3,601.00 0% \$3,601.00  Probe with quartz wool filter, 320°F heated by probe's built-in thermostat  1 61558S \$3,920.00 0% \$3,920.00  GAS SAMPLING PROBES HD-FLYING ASH  QTY Part No. Unit price Discount Total Price  Gas sampling probe model HD, for flue gas with flying ash dust 230Vac heater power supply and 600W power consumption  Probe with back-purge able ceramic filter, 320°F heated by analyzer temperature regulator  Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  1 61557F \$4,741.00 0% \$4,741.00  Probe tube Ø 0.87" x 9.84" (22 x 250mm) Stainless steel 1202 °F (650°C) 1 60458 \$366.00 0% \$366.00  Probe tube Ø 0.87" x 39.35" (22 x 1000mm) Stainless steel 1202 °F (650°C) 1 59521 \$436.00 0% \$346.00  Probe tube Ø 0.87" x 19.68" (22 x 500mm) Inconel steel 2012 °F (1100°C) 1 59557B \$395.00 0% \$395.00  Probe tube Ø 1.06" x 39.35" (22 x 1000mm) Inconel steel 2012 °F (1100°C) 1 59557B \$395.00 0% \$395.00  Probe tube Ø 1.06" x 39.35" (27 x 1000mm) Kanthal steel 2012 °F (1100°C) 1 59557 \$494.00 0% \$494.00  Probe tube Ø 0.06" x 39.35" (27 x 1000mm) Kanthal steel 2372 °F (1300°C) 1 56987B \$2,850.00 0% \$2,850.00  Probe tube Ø 0.06" x 59.03" (27 x 1500mm) Kanthal steel 2372 °F (1300°C) 1 56987B \$2,933.00 0% \$2,933.00  Probe tube Ø 0.94" x 39.35" (24 x 1000mm) Ceramic tube 3092 °F (1700°C) 1 59555 \$2,648.00 0% \$3,175.00 0% \$3,175.00	· · · · · · · · · · · · · · · · · · ·	QTY	Part No.	Unit price	Discount	Total Price
Probe with quartz wool filter, 320°F heated by analyzer temperature regulator         1         61558F         \$3,601.00         0%         \$3,601.00           Probe with quartz wool filter, 320°F heated by probe's built-in thermostat         1         61558F         \$3,601.00         0%         \$3,920.00           GAS SAMPLING PROBES HD-FLYING ASH         QTV         Part No.         Unit price         Discount         Total Price           Gas sampling probe model HD, for flue gas with flying ash dust         230Vac heater power supply and 600W power consumption         4         4,741.00         0%         \$4,741.00         9%         \$4,741.00         9%         \$4,741.00         9%         \$4,741.00         9%         \$4,741.00         9%         \$4,741.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%         \$5,014.00         9%	Gas sampling probe model HD-GW, for flue gas with soot, oily, acid mist					
Probe with quartz wool filter, 320°F heated by probe's built-in thermostat   1 61558\$ \$3,920.00 0% \$3,920.00			1	1	ı	1
GAS SAMPLING PROBES HD-FLYING ASH   QTY   Part No.   Unit price   Discount   Total Price   Gas sampling probe model HD, for flue gas with flying ash dust   230Vac heater power supply and 600W power consumption   Probe with back-purge able ceramic filter, 320°F heated by analyzer temperature regulator   1 61557F   \$4,741.00   0%   \$4,741.00   Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat   1 61557S   \$5,014.00   0%   \$5,014.00   S5,014.00   S5,014.00   S38 sampling tube for insertion in the stack and mounting on probe HD or HD-GW   QTY   Part No.   Unit price   Discount   Total Price   Probe tube   Ø 0.87" x 98.4"   (22 x 250mm)   Stainless steel   1202 °F (650°C)   1 60458   \$366.00   0%   \$366.00   Probe tube   Ø 0.87" x 39.35"   (22 x 1000mm)   Stainless steel   1202 °F (650°C)   1 59521   \$436.00   0%   \$436.00   \$436.			_			
Gas sampling probe model HD, for flue gas with flying ash dust 230Vac heater power supply and 600W power consumption  Probe with back-purge able ceramic filter, 320°F heated by analyzer temperature regulator  Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  1 61557F \$4,741.00 0% \$4,741.00 Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  1 61557S \$5,014.00 0% \$5,014.00  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW QTY Part No. Unit price Discount Total Price Probe tube Ø 0.87" x 9.84" (22 x 250mm) Stainless steel 1202 °F (650°C) 1 60458 \$366.00 0% \$366.00 Probe tube Ø 0.87" x 39.35" (22 x 1000mm) Stainless steel 1202 °F (650°C) 1 59521 \$436.00 0% \$436.00  Probe tube Ø 0.87" x 19.68" (22 x 500mm) Inconel steel 2012 °F (1100°C) 1 59557B \$395.00 0% \$395.00 Probe tube Ø 0.87" x 39.35" (22 x 1000mm) Inconel steel 2012 °F (1100°C) 1 59557 \$494.00 0% \$494.00  Probe tube Ø 1.06" x 39.35" (27 x 1000mm) Kanthal steel 2372 °F (1300°C) 1 56987B \$2,850.00 0% \$2,850.00 Probe tube Ø 1.06" x 59.03" (27 x 1500mm) Kanthal steel 2372 °F (1300°C) 1 56987B \$2,933.00 0% \$2,933.00  Probe tube Ø 0.94" x 39.35" (24 x 1000mm) Ceramic tube 3092 °F (1700°C) 1 59555B \$3,175.00 0% \$3,175.00 0% \$3,175.00	<b>Probe</b> with quartz wool filter, 320°F heated by probe's built-in thermostat	1	61558S	\$3,920.00	0%	\$3,920.00
Gas sampling probe model HD, for flue gas with flying ash dust 230Vac heater power supply and 600W power consumption  Probe with back-purge able ceramic filter, 320°F heated by analyzer temperature regulator  Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  1 61557F \$4,741.00 0% \$4,741.00 Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  1 61557S \$5,014.00 0% \$5,014.00  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW QTY Part No. Unit price Discount Total Price Probe tube Ø 0.87" x 9.84" (22 x 250mm) Stainless steel 1202 °F (650°C) 1 60458 \$366.00 0% \$366.00 Probe tube Ø 0.87" x 39.35" (22 x 1000mm) Stainless steel 1202 °F (650°C) 1 59521 \$436.00 0% \$436.00  Probe tube Ø 0.87" x 19.68" (22 x 500mm) Inconel steel 2012 °F (1100°C) 1 59557B \$395.00 0% \$395.00 Probe tube Ø 0.87" x 39.35" (22 x 1000mm) Inconel steel 2012 °F (1100°C) 1 59557 \$494.00 0% \$494.00  Probe tube Ø 1.06" x 39.35" (27 x 1000mm) Kanthal steel 2372 °F (1300°C) 1 56987B \$2,850.00 0% \$2,850.00 Probe tube Ø 1.06" x 59.03" (27 x 1500mm) Kanthal steel 2372 °F (1300°C) 1 56987B \$2,933.00 0% \$2,933.00  Probe tube Ø 0.94" x 39.35" (24 x 1000mm) Ceramic tube 3092 °F (1700°C) 1 59555B \$3,175.00 0% \$3,175.00 0% \$3,175.00						
230Vac heater power supply and 600W power consumption  Probe with back-purge able ceramic filter, 320°F heated by analyzer temperature regulator  Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  1 61557F \$4,741.00 0% \$4,741.00 Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat  1 61557S \$5,014.00 0% \$5,014.00  Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW Probe tube \$0.87" x 9.84" (22 x 250mm) Stainless steel 1202 °F (650°C) 1 60458 \$366.00 0% \$366.00 Probe tube \$0.87" x 39.35" (22 x 1000mm) Stainless steel 1202 °F (650°C) 1 59521 \$436.00 0% \$436.00  Probe tube \$0.87" x 19.68" (22 x 500mm) Inconel steel 2012 °F (1100°C) 1 59557B \$395.00 0% \$494.00  Probe tube \$0.87" x 39.35" (22 x 1000mm) Inconel steel 2012 °F (1100°C) 1 59557 \$494.00 0% \$494.00  Probe tube \$0.87" x 39.35" (27 x 1000mm) Kanthal steel 2372 °F (1300°C) 1 56987 \$2,850.00 0% \$2,850.00 Probe tube \$0.06" x 59.03" (27 x 1500mm) Kanthal steel 2372 °F (1300°C) 1 56987B \$2,933.00 0% \$2,933.00  Probe tube \$0.94" x 39.35" (24 x 1000mm) Ceramic tube 3092 °F (1700°C) 1 59555 \$2,648.00 0% \$2,648.00 Probe tube \$0.94" x 59.03" (24 x 1500mm) Ceramic tube 3092 °F (1700°C) 1 59555B \$3,175.00 0% \$3,175.00		QTY	Part No.	Unit price	Discount	Total Price
Probe with back-purge able ceramic filter, 320°F heated by analyzer temperature regulator         1         61557F         \$4,741.00         0%         \$4,741.00           Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat         1         61557S         \$5,014.00         0%         \$5,014.00           Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW         QTY         Part No.         Unit price         Discount         Total Price           Probe tube         Ø 0.87" x 9.84"         (22 x 250mm)         Stainless steel         1202 °F (650°C)         1         60458         \$366.00         0%         \$366.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Inconel steel         1202 °F (650°C)         1         59521         \$436.00         0%         \$436.00           Probe tube         Ø 0.87" x 19.68"         (22 x 500mm)         Inconel steel         2012 °F (1100°C)         1         59557B         \$395.00         0%         \$395.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Inconel steel         2012 °F (1100°C)         1         59557         \$494.00         0%         \$494.00           Probe tube         Ø 1.06" x 39.35"         (27 x 1000mm)         Kanthal steel         2372 °F (1300°C)						
Probe with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat         1         615575         \$5,014.00         0%         \$5,014.00           Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW         QTY         Part No.         Unit price         Discount         Total Price           Probe tube         Ø 0.87" x 9.84"         (22 x 250mm)         Stainless steel         1202 °F (650°C)         1         60458         \$366.00         0%         \$366.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Stainless steel         1202 °F (650°C)         1         59521         \$436.00         0%         \$436.00           Probe tube         Ø 0.87" x 19.68"         (22 x 500mm)         Inconel steel         2012 °F (1100°C)         1         59557B         \$395.00         0%         \$395.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Inconel steel         2012 °F (1100°C)         1         59557B         \$395.00         0%         \$494.00           Probe tube         Ø 1.06" x 39.35"         (27 x 1000mm)         Kanthal steel         2372 °F (1300°C)         1         56987         \$2,850.00         0%         \$2,933.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)			_		ı	
Gas sampling tube for insertion in the stack and mounting on probe HD or HD-GW         QTY         Part No.         Unit price         Discount         Total Price           Probe tube         Ø 0.87" x 9.84"         (22 x 250mm)         Stainless steel         1202 °F (650°C)         1 60458         \$366.00         0%         \$366.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Stainless steel         1202 °F (650°C)         1 59521         \$436.00         0%         \$436.00           Probe tube         Ø 0.87" x 19.68"         (22 x 500mm)         Inconel steel         2012 °F (1100°C)         1 59557B         \$395.00         0%         \$395.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Inconel steel         2012 °F (1100°C)         1 59557         \$494.00         0%         \$494.00           Probe tube         Ø 1.06" x 39.35"         (27 x 1000mm)         Kanthal steel         2372 °F (1300°C)         1 56987         \$2,850.00         0%         \$2,850.00           Probe tube         Ø 1.06" x 59.03"         (27 x 1500mm)         Kanthal steel         2372 °F (1300°C)         1 56987B         \$2,933.00         0%         \$2,648.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700			+	1		
Probe tube         Ø 0.87" x 9.84"         (22 x 250mm)         Stainless steel         1202 °F (650°C)         1 60458         \$366.00         0%         \$366.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Stainless steel         1202 °F (650°C)         1 59521         \$436.00         0%         \$436.00           Probe tube         Ø 0.87" x 19.68"         (22 x 500mm)         Inconel steel         2012 °F (1100°C)         1 59557B         \$395.00         0%         \$395.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Inconel steel         2012 °F (1100°C)         1 59557         \$494.00         0%         \$494.00           Probe tube         Ø 1.06" x 39.35"         (27 x 1000mm)         Kanthal steel         2372 °F (1300°C)         1 56987         \$2,850.00         0%         \$2,850.00           Probe tube         Ø 1.06" x 59.03"         (27 x 1500mm)         Kanthal steel         2372 °F (1300°C)         1 56987B         \$2,933.00         0%         \$2,648.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700°C)         1 59555B         \$3,175.00         0%         \$3,175.00	<b>Probe</b> with back-purge able ceramic filter, 320°F heated by probe's built-in thermostat	1	61557S	\$5,014.00	0%	\$5,014.00
Probe tube         Ø 0.87" x 9.84"         (22 x 250mm)         Stainless steel         1202 °F (650°C)         1 60458         \$366.00         0%         \$366.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Stainless steel         1202 °F (650°C)         1 59521         \$436.00         0%         \$436.00           Probe tube         Ø 0.87" x 19.68"         (22 x 500mm)         Inconel steel         2012 °F (1100°C)         1 59557B         \$395.00         0%         \$395.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Inconel steel         2012 °F (1100°C)         1 59557         \$494.00         0%         \$494.00           Probe tube         Ø 1.06" x 39.35"         (27 x 1000mm)         Kanthal steel         2372 °F (1300°C)         1 56987         \$2,850.00         0%         \$2,850.00           Probe tube         Ø 1.06" x 59.03"         (27 x 1500mm)         Kanthal steel         2372 °F (1300°C)         1 56987B         \$2,933.00         0%         \$2,648.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700°C)         1 59555B         \$3,175.00         0%         \$3,175.00						
Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Stainless steel         1202 °F (650°C)         1 59521         \$436.00         0%         \$436.00           Probe tube         Ø 0.87" x 19.68"         (22 x 500mm)         Inconel steel         2012 °F (1100°C)         1 59557B         \$395.00         0%         \$395.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Inconel steel         2012 °F (1100°C)         1 59557         \$494.00         0%         \$494.00           Probe tube         Ø 1.06" x 39.35"         (27 x 1000mm)         Kanthal steel         2372 °F (1300°C)         1 56987         \$2,850.00         0%         \$2,850.00           Probe tube         Ø 1.06" x 59.03"         (27 x 1500mm)         Kanthal steel         2372 °F (1300°C)         1 56987B         \$2,933.00         0%         \$2,933.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700°C)         1 59555         \$2,648.00         0%         \$2,648.00           Probe tube         Ø 0.94" x 59.03"         (24 x 1500mm)         Ceramic tube         3092 °F (1700°C)         1 59555B         \$3,175.00         0%         \$3,175.00				4		4
Probe tube         Ø 0.87" x 19.68"         (22 x 500mm)         Inconel steel         2012 °F (1100°C)         1 59557B         \$395.00         0% \$395.00           Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Inconel steel         2012 °F (1100°C)         1 59557         \$494.00         0% \$494.00           Probe tube         Ø 1.06" x 39.35"         (27 x 1000mm)         Kanthal steel         2372 °F (1300°C)         1 56987         \$2,850.00         0% \$2,850.00           Probe tube         Ø 1.06" x 59.03"         (27 x 1500mm)         Kanthal steel         2372 °F (1300°C)         1 56987B         \$2,933.00         0% \$2,933.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700°C)         1 59555         \$2,648.00         0% \$2,648.00           Probe tube         Ø 0.94" x 59.03"         (24 x 1500mm)         Ceramic tube         3092 °F (1700°C)         1 59555B         \$3,175.00         0% \$3,175.00						
Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Inconel steel         2012 °F (1100°C)         1         59557         \$494.00         0%         \$494.00           Probe tube         Ø 1.06" x 39.35"         (27 x 1000mm)         Kanthal steel         2372 °F (1300°C)         1         56987         \$2,850.00         0%         \$2,850.00           Probe tube         Ø 1.06" x 59.03"         (27 x 1500mm)         Kanthal steel         2372 °F (1300°C)         1         56987B         \$2,933.00         0%         \$2,933.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700°C)         1         59555         \$2,648.00         0%         \$2,648.00           Probe tube         Ø 0.94" x 59.03"         (24 x 1500mm)         Ceramic tube         3092 °F (1700°C)         1         59555B         \$3,175.00         0%         \$3,175.00	<b>Probe tube</b> Ø 0.87" x 39.35" (22 x 1000mm) Stainless steel <b>1202 °F</b> (650°C)	1	59521	\$436.00	0%	\$436.00
Probe tube         Ø 0.87" x 39.35"         (22 x 1000mm)         Inconel steel         2012 °F (1100°C)         1         59557         \$494.00         0%         \$494.00           Probe tube         Ø 1.06" x 39.35"         (27 x 1000mm)         Kanthal steel         2372 °F (1300°C)         1         56987         \$2,850.00         0%         \$2,850.00           Probe tube         Ø 1.06" x 59.03"         (27 x 1500mm)         Kanthal steel         2372 °F (1300°C)         1         56987B         \$2,933.00         0%         \$2,933.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700°C)         1         59555         \$2,648.00         0%         \$2,648.00           Probe tube         Ø 0.94" x 59.03"         (24 x 1500mm)         Ceramic tube         3092 °F (1700°C)         1         59555B         \$3,175.00         0%         \$3,175.00			T	1 4		1 41
Probe tube         Ø 1.06" x 39.35"         (27 x 1000mm)         Kanthal steel         2372 °F (1300°C)         1 56987         \$2,850.00         0%         \$2,850.00           Probe tube         Ø 1.06" x 59.03"         (27 x 1500mm)         Kanthal steel         2372 °F (1300°C)         1 56987B         \$2,933.00         0%         \$2,933.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700°C)         1 59555         \$2,648.00         0%         \$2,648.00           Probe tube         Ø 0.94" x 59.03"         (24 x 1500mm)         Ceramic tube         3092 °F (1700°C)         1 59555B         \$3,175.00         0%         \$3,175.00	, , ,					
Probe tube         Ø 1.06" x 59.03"         (27 x 1500mm)         Kanthal steel         2372 °F (1300°C)         1         56987B         \$2,933.00         0%         \$2,933.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700°C)         1         59555         \$2,648.00         0%         \$2,648.00           Probe tube         Ø 0.94" x 59.03"         (24 x 1500mm)         Ceramic tube         3092 °F (1700°C)         1         59555B         \$3,175.00         0%         \$3,175.00	<b>Probe tube</b> Ø 0.87" x 39.35" (22 x 1000mm) Inconel steel <b>2012 °F</b> (1100°C)	1	59557	\$494.00	0%	\$494.00
Probe tube         Ø 1.06" x 59.03"         (27 x 1500mm)         Kanthal steel         2372 °F (1300°C)         1         56987B         \$2,933.00         0%         \$2,933.00           Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700°C)         1         59555         \$2,648.00         0%         \$2,648.00           Probe tube         Ø 0.94" x 59.03"         (24 x 1500mm)         Ceramic tube         3092 °F (1700°C)         1         59555B         \$3,175.00         0%         \$3,175.00	04 06    00 06    407 1000    11 11 11 11 11 11 11 11 11 11 11 11		Tecope	1 40 0-0 0-	6-1	do c== ==
Probe tube         Ø 0.94" x 39.35"         (24 x 1000mm)         Ceramic tube         3092 °F (1700°C)         1         59555         \$2,648.00         0%         \$2,648.00           Probe tube         Ø 0.94" x 59.03"         (24 x 1500mm)         Ceramic tube         3092 °F (1700°C)         1         59555B         \$3,175.00         0%         \$3,175.00			+			
Probe tube         Ø 0.94" x 59.03"         (24 x 1500mm)         Ceramic tube         3092 °F (1700°C)         1         59555B         \$3,175.00         0%         \$3,175.00	<b>Probe tube</b> Ø 1.06" x 59.03" (27 x 1500mm) Kanthal steel <b>2372 °F</b> (1300°C)	1	56987B	\$2,933.00	υ%	\$2,933.00
Probe tube         Ø 0.94" x 59.03"         (24 x 1500mm)         Ceramic tube         3092 °F (1700°C)         1         59555B         \$3,175.00         0%         \$3,175.00	Durk take (0.04		FOFFF	42.000.00	601	42.000.00
			+			1
	Probe tube Ø 0.94" x 59.03" (24 x 1500mm) Ceramic tube 3092 °F (1700°C)  other tube lengths on request	1	59555B	\$3,175.00	υ%	\$3,175.00

other tube lengths on request



7902 Horseshoe Circle Humble, Texas 77396 Phone: (832) 230-0155 / Fax: (832) 230-1553 www.mru-instruments.com





SWG 200 CEM Page: 5 of 6 Price list valid till: 12/31/2025

HEATED SAMPLING LINE - HIGH DUST and HD-GW	QTY	Part No.	Unit price	Discount	Total Price
Heated gas sampling line for probe HD or HD-GW, internal PTFE 4/6mm hose, with 3m length	1	14790-03	\$3,458.00	0%	\$3,458.00
230Vac heater power supply and 100W/meter power consumption		•			
NOTE: add \$ per each meter length,	1	xx	\$290.00	0%	\$290.00
order 14790-XX for a XXm length sampling line (3m up to max 50m length)					
for heated line length higher than 25m, add option power SSR #60297					

HEATED SAMPLING LINE - HIGH DUST and HD-GW - for warm climate only > 10°C	QTY	Part No.	Unit price	Discount	Total Price
Heated gas sampling line for probe HD or HD-GW, DUAL internal PTFE 4/6mm hose, with 3m length	1	14791-03	\$4,089.00	0%	\$4,089.00
230Vac heater power supply and 70W/meter power consumption					
NOTE: add \$ per each meter length,	1	xx	\$290.00	0%	\$290.00
order 14791-XX for a XXm length sampling line (3m up to max 75m length)		-			
or heated line length higher than 35m, add option power SSR #60297					

SAMPLING LINE - HIGH DUST and HD-GW	QTY	Part No.	Unit price	Discount	<b>Total Price</b>
Power solid state relay for all heated sampling lines with length above 25m,	1	60297	\$480.00	0%	\$480.00
respectively 35m for heated lines with 70W/m power demand					

GAS SAMPLING PROBE HPI	QTY	Part No.	Unit price	Discount	Total Price
Gas sampling probe model HPI, using small probe head for low diameter flue gas stack	1	14807	\$1,618.00	0%	\$1,618.00
with integrated heater / with gas temperature measurement using K-type (NiCrNi) thermocouple		•	•		
probe head prepared for intake of filter cartridge and exchangeable probe tube "TR"					
- Heat shield Ø12 mm x 150 mm for high temperatures at the sampling point					
- Stainless steel mounting fitting Ø12 mm - 1/2in male for firm and tight fixing to the flue gas pipe					
with Clamping ring fitting G1/2" with PTFE clamping ring					
- Fasy replaceable cartridge filter, using GW filter (glass-wool) element for dirty combustions					

Gas sampling tube fo	r gas sampling p	robe HPI			QTY	Part No.	Unit price	Discount	Total Price
Probe tube	Ø 0.47" x 11.81"	(12 x 300mm)	Stainless steel	<b>1472 °F</b> (800°C)	1	11620	\$435.00	0%	\$435.00
Probe tube	Ø 0.47" x 19.68"	(12 x 500mm)	Inconel steel	<b>2012 °F</b> (1100°C)	1	61827	\$1,649.00	0%	\$1,649.00
Exchangeable probe tube	Ø 0.47" x 19.68"	(12 x 500mm)	Ceramic *1	<b>3092 °F</b> (1700°C)	1	59947	\$1,457.00	0%	\$1,457.00
Exchangeable probe tube	Ø 0.47" x 19.68"	(12 x 500mm)	Ceramic *1	<b>3092 °F</b> (1700°C)	1	59948	\$1,495.00	0%	\$1,495.00

HEATED GAS SAMPLING LINE HPI	QTY	Part No.	Unit price	Discount	<b>Total Price</b>
Heated gas sampling line (PTFE) for probe HPI, with integrated NiCrNi thermocouple wires,	1	14792-03	\$3,773.00	0%	\$3,773.00
230Vac heater power supply and 100W/meter power consumption, 3m length					
NOTE: add \$ per each additional meter length,	1	xx	\$290.00	0%	\$290.00
order 14792-03-XX for total XXm length sampling line (3m up to max 50m length)					
for heated line length longer than 25m, please add power SSR #60297					

CONSUMABLES	QTY	Part No.	Unit price	Discount	Total Price
Maintenance set for analyzer (set of all filters and required spare parts)	1	13430	\$714.00	0%	\$714.00
Probe LD consumable set for one year operation	1	60912-1	\$709.00	0%	\$709.00
Probe <b>HD-GW</b> consumable set for one year operation	1	60912-5	\$949.00	0%	\$949.00
Probe <b>HD</b> consumable set for one year operation	1	60912-3	\$488.00	0%	\$488.00
Probe <b>HPI</b> consumable set for one year operation	1	12680	\$337.00	0%	\$337.00
Analyzer main filter element	1	12685-A	\$176.00	0%	\$176.00



7902 Horseshoe Circle Humble, Texas 77396 Phone: (832) 230-0155 / Fax: (832) 230-1553 www.mru-instruments.com





SWG 200 CEM Page: 6 of 6 Price list valid till: 12/31/2025





HPI Probe heated probe head with filter











Heated sampling line





Aluminum Frame awning

7902 Horseshoe Circle Humble, Texas 77396 Phone: (832) 230-0155 / Fax: (832) 230-1553 www.mru-instruments.com





#### **SALES TERMS & CONDITIONS**

#### A. Acceptance/Agreement

All orders are subject to acceptance by MRU Instruments, Inc. Additional or different terms or any attempt by the Buyer to vary, in any degree, any of the terms of this sales agreement form shall be deemed material and are objected to or rejected, but this sales agreement form shall not operate as a rejection of the Buyer's offer unless it contains variances in the terms of the description, quantity, price or delivery schedule of the goods.

MRU Instruments opported terms are net 30 days unless special written arrangements have been made. MRU Instruments, Inc. may, at any time, suspend performance of any order or require payment in cash, security or other adequate assurance satisfactory to MRU Instruments, Inc. when, in MRU Instruments popinion, the financial condition of Buyer or other grounds for insecurity warrant such action. MRU Instruments, Inc. reserves the right to assess late charges on accounts due past 30 days at the rate of 18% per annum. All goods are shipped Ex Works and are the property of the Buyer upon shipment.

#### C. Cancellation/Termination

Upon written notice of cancellation or termination for the Buyer's convenience of standard catalog items, for standard product only, the Buyer is subject to a minimum 15% charge on the remaining balance and a charge reflecting a reversion to the quantity pricing of items actually delivered. In the event that the goods are special, non-standard or custom the Buyer may terminate this order in whole or in part for its convenience upon written notice to MRU Instruments, Inc. in which event MRU Instruments, Inc. shall be entitled to termination charges consisting of a percentage of the order price reflecting the percentage of the work performed prior to termination plus actual direct costs resulting from termination.

#### D. Remedies in the Event of Cancellation or Default

In the event the Buyer cancels this order, or becomes overdue on its account payable to MRU Instruments, Inc. by failing to pay for this order when due in accordance with the terms hereof, in addition to the charges assessed to the Buyer pursuant to Paragraphs B and C of this Agreement, the buyer shall be required to pay all costs of collection, including, whether suit be brought or not, attorney fees, court costs, collection expenses and other expenses which MRU Instruments, Inc. may incur or pay in the prosecution of defense of its rights hereunder whether in judicial proceedings at law or in equity, including bankruptcy court and appellate proceedings, or whether out of court. In addition, MRU Instruments, Inc. shall retain the right to terminate this Agreement and Buyer's right to use the Software (as term is defined below) upon any material breach of this Agreement by Buyer. Buyer agrees to return to MRU Instruments, Inc. or to destroy all copies of the Software upon termination of this Agreement.

The promised delivery date is the best estimate possible, based upon current and anticipated manufacturing capabilities, of when the product will be shipped. MRU Instruments, Inc. assumes no liability for loss, damages or consequential damages due to delay.

In any event, MRU instruments, inc. shall not be in default for any failure to deliver Products to Buyer by the promised delivery date. In the event that MRU Instruments, Inc. so defaults, Buyer's sole remedy for such default shall be cancellation of the applicable order. MRU Instruments, Inc. shall have no other liability to Buyer as a consequence of any such default.

Fulfillment of this order is contingent upon the availability of materials. MRU Instruments, Inc. shall not be liable for any delay in delivery or for non-delivery in whole or in part caused by the occurrence of any contingency beyond the control of either MRU Instruments, Inc. or suppliers to MRU Instruments, Inc. including but not limited to delay in transportation, labor disruption, earthquake, fire, acts of God, or any other act outside of MRU Instruments, Inc. 's reasonable control

#### G. Warranty

MRU Instruments, Inc. expressly warrants that the materials covered by this sale will conform to the specifications, drawings or other descriptions specified by the Buyer or if none are so specified, to MRU Instruments specifications for such material. The materials will be new and unless specified to the contrary on the order acknowledgment or invoice, will be free of all liens and encumbrances.

MRU Instruments, Inc. is in compliance in all material respects with the terms and conditions of all material permits, licenses and authorizations which are required under federal, state and local laws applicable to MRU Instruments, Inc. and relating to pollution or protection of the environment, except where the failure to obtain such authorizations could not be reasonably expected to have a material adverse effect on the business of MRU Instruments, Inc. or its customers. MRU Instruments, Inc. is not aware of any conditions, circumstances, activities, practices, incidents, or actions which could reasonably be expected to form the basis of any claim, action, suit, proceeding, hearing, or investigation of, by, against or relating to MRU Instruments, Inc., based on or related to the manufacture, processing, distribution, use, treatment, storage, disposal, transport, or handling, or the emission, discharge, release or threatened release into the environment, of any pollutant, contaminant, or hazardous or toxic substance, material or waste, or relating to the safety of employees, workers or other persons, other than such conditions, circumstances, activities, practices, incidents, or actions that are beyond reasonable knowledge of and control of MRU Instruments, Inc.

THIS WARRANTY IS THE ONLY WARRANTY MADE BY MRU INSTRUMENTS, INC. WITH RESPECT TO THE GOODS SOLD UNDER THIS AGREEMENT. THERE IS NO OTHER WARRANTY, EXPRESS OR IMPLIED,

INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. MRU INSTRUMENTS, INC. FURTHER DISCLAIMS ANY WARRANTY, EXPRESS OR IMPLIED, LIABILITY OR SUPPORT OBLIGATION FOR ALTERED, DAMAGED OR MODIFIED SOFTWARE OR ANY PORTION OF THE SOFTWARE INCORPORATED WITH OR INTO THIRD-PARTY PRODUCTS OR PRODUCT PROBLEMS CAUSED BY CUSTOMER'S NEGLIGENCE, ABUSE OR MISAPPLICATION OR USE OF THE PRODUCT OTHER THAN AS SPECIFIED BY MRU INSTRUMENTS, INC.

MRU Instruments, Inc. shall not be liable for any incidental, special, indirect or consequential damages, losses or expenses directly or indirectly arising from the sale whether in contract, tort, or any other legal theory. In any event,

MRU Instrumentsqiability hereunder is expressly limited to the repair or replacement (at MRU Instrumentsqoption) of non-conforming goods or, at MRU Instrumentsquelection, to the repayment or crediting to Buyer the purchase price of such goods.

#### H. Claims/Notice of Defects

Failure of the Buyer to object in writing to any merchandise shipped to it by MRU Instruments, Inc. within 30 days after receipt thereof will constitute complete acceptance by Buyer of such merchandise. Rejected material must be returned to MRU Instruments, Inc. within 45 days after receipt and with prior authorization from MRU Instruments, Inc. MRU Instruments, Inc. may (at its option) recondition or replace the rejected material to meet Buyer's specifications within a reasonable time period after receipt. Claims for shipping damage must be made with the carrier.

All products must be returned in the same packing conditions in which it left MRU Instruments, Inc.' manufacturing location(s) (anti-static rails and boxes, adequately protected, etc.). Buyer must pay return shipping.

#### I. Confidential Information

All drawings, diagrams, specifications and other materials furnished by MRU Instruments, Inc. and identified as confidential, or information which the Buyer knows or has reason to know is confidential, proprietary or trade secret information of MRU Instruments, Inc., relating to the use and service of articles furnished hereunder and the information therein, are proprietary to MRU Instruments, Inc., relating to the use and service of articles furnished hereunder and the information therein, are proprietary to MRU Instruments, Inc., Buyer may not reproduce or distribute such materials except to buyer's employees who may use the articles as part of their duties.

Customer agrees that it will take all reasonable measures to maintain the confidentiality of all confidential information in its possession or control, which will in no event be less than the measures it uses to maintain the confidentiality. of its own information of equal importance. Accordingly, MRU Instruments, Inc. will be entitled to preliminary and permanent injunctive relief and other equitable relief for any breach of this Section I.

Buyer further acknowledges and agrees that the sale of products to Buyer does not convey any license express or implied, and Buyer shall not, manufacture, modify, reverse engineer, duplicate, otherwise copy or reproduce any o the products or any part thereof. MRU Instruments, Inc. will treat drawings, specifications or data furnished by Buyer as confidential, when identified as such, in connection with this purchase.

#### J. General Provisions

Any cause of action arising from this agreement, or breach of it, must be commenced within one year after the cause of action occurs. MRU Instruments, Inc. reserves the right to correct any stenographical or clerical errors in any of the writings issued by it. The terms and conditions of sale and any description on the face of MRU Instruments writings constitute a complete and exclusive statement of the terms and conditions of the sale of the goods by MRU Instruments, Inc. to Buyer unless amended in writing between Buyer and MRU Instruments, Inc. Buyer may not assign any rights to, or delegate any performance owed under the agreement without the written consent of MRU

This Agreement will be governed by and construed in accordance with the laws of the State of Texas. Any suit hereunder will be brought solely in the federal or state courts of Harris County, Texas, and Buyer hereby submits to the personal jurisdiction thereof. This agreement, as amended by any posted notices, constitutes the entire terms and conditions on products offered for sale by MRU Instruments, Inc.

MRU Instruments, Inc. may amend this Agreement at any time by posting the amended terms on its web site. Except as stated below, all amended terms shall automatically be effective after they are posted on the web site. This Agreement may not be otherwise amended except in a writing signed by Buyer and MRU Instruments, Inc.

This agreement was last revised on January 30, 2007.

