



# AMPRO<sup>plus</sup>

COMBUSTION / EMISSION ANALYZER



**PRICE LIST 2024**  
VALID 04/01 - 12/31/2024

**SIMULTANEOUS measurement of up to 7 gas components !  
 The most powerful handheld multi-gas analyzer for stack emissions and combustion measurements.**

**Fuel types:** All known fuels plus user definable fuels

**Main features:**

- Simultaneous measurement of up to 7 gas components
- O<sub>2</sub>; CO; CO-High; CO-Very High; NO; NO<sub>2</sub>; NO<sub>x</sub>; SO<sub>2</sub>; H<sub>2</sub>S; CO<sub>2</sub> (NDIR)
- Standard O<sub>2</sub> Long life cell (3-4 years estimated life time) not all sensor configurations allow the O<sub>2</sub> LL cell
- with Combustion and Emission calculations
- with Flue Gas and Ambient Air Temperature measurement
- with Differential Temperature Measurement
- with Differential Pressure Measurement and Draft Measurement
- modern, slim line enclosure with fixing magnets
- super bright, color 4" TFT display with LED backlight and zoom function
- mini-USB interface and USB cable
- SD card reader and SD Card
- IRDA interface for high speed infrared printer (printer not included)
- Integrated, backlit condensate separator with PTFE filter and additional spare filter
- Menu guided software and function keys
- Rechargeable Lithium battery with up to 20 hours operation time (up to 15 hours with NDIR)
- 100 - 240 Volt Battery charger
- Robust, stainless steel gas connectors

**Continuous measurement of:**

- O<sub>2</sub> Oxygen (0...21%) (OPTIONAL 25%)
- Combustion air temperature
- Flue gas temperature
- Differential pressure
- Differential temperature

**Combustion calculations:**

- CO<sub>2</sub> if no CO<sub>2</sub> NDIR is installed
- CO / CO<sub>2</sub> ratio
- Dew point
- Excess air and air ratio (Lambda)
- Combustion efficiency
- Heat losses



**Basic information about some sensor options and configurations continue:**

**The AMPROplus can either have a measured or calculated NO<sub>x</sub>. - What's the difference?** NO<sub>x</sub> is the accumulation of measured NO and NO<sub>2</sub>.

In case of a calculated NO<sub>x</sub> we measure the NO and then add 5% to get an equivalent of NO<sub>x</sub>.

In case a true NO<sub>x</sub> is required the AMPROplus will have two sensors – NO and NO<sub>2</sub> – both measured values will be NO<sub>x</sub>.

**Calculated method is not suitable for gas engines and gas turbines.**

**The AMPROplus can either have a measured or calculated CO<sub>2</sub>. What's the difference?** If you know what fuel type you are burning then CO<sub>2</sub> calculated is fine.

If you know what fuel type you are burning then CO<sub>2</sub> calculated is fine.

The calculated CO<sub>2</sub> uses the measured O<sub>2</sub> and the fuel type depended CO<sub>2</sub> max and some other parameters to calculate the CO<sub>2</sub>.

If you don't know the fuel type or you have a mixture of fuel types your option will be the measured CO<sub>2</sub>.

**The AMPROplus has an active CO protection (not possible with all options). Why is that important and how does it work?**

The active CO protection protect your CO sensor against unwanted high CO concentrations (user definable CO threshold).

For most applications and under normal conditions the CO concentration in a gas stream is fairly low.

Should the CO concentration however be higher than expected then the CO protection gives you the peace of mind not to damage the CO sensor.

The life span of a CO sensor is defined by CO concentration and time. If you have low (normal) CO concentrations the CO sensor will have a longer life.

If you overload the CO sensor occasionally or frequently the life span of the CO sensor will be much shorter.

**H<sub>2</sub> compensated CO sensor verses CO sensor without H<sub>2</sub> compensation.** The AMPROplus basic analyzer always has the H<sub>2</sub> compensated CO sensor.

In every combustion you will have a certain amount of H<sub>2</sub>. When using a sensor without H<sub>2</sub> compensation the displayed CO value is always higher than the actual CO concentration. The sensor reads CO and also reads H<sub>2</sub> and displays that as CO.

The H<sub>2</sub> compensated CO sensor "eliminates" the H<sub>2</sub> and only displays the actual CO concentration.

<b>AMPRO plus COMBUSTION / EMISSION ANALYZER</b>	
AMPRO plus with - Long Life O2 sensor (with 3 - 4 years life expectation)	0 - 21%
• CO (H2 compensated) sensor	0 - 10,000 ppm overload 20,000 ppm (*1)
• Calculated CO2 or optional NDIR measured CO2 (OPTION 64618 or 65648)	
• Large fuel type list + user definable fuel types	
• CO protection using 2nd pump <i>(protects the CO sensor against unwanted high CO concentrations)</i>	
• High energy Li-Ion battery <i>(for up to 20 hours operation time)</i>	
• Analyzer and probe leak test <i>(allows you to check analyzer and probe for leaks)</i>	
• Combustion and Emission calculations	
• Flue Gas and Ambient Air Temperature measurement	
• Differential Temperature Measurement	
• Differential Pressure Measurement and Draft Measurement	
• Modern, slim line enclosure with fixing magnets	
• Dirt resistant - illuminated key pad	
• Super bright, color 4.0" TFT display with LED backlight <i>(customizable and zoom function)</i>	
• Mini-USB interface and USB cable, SD card reader and SD Card <i>(export function to Excel)</i>	
• WLAN	
• IRDA interface for high speed infrared printer <i>(printer not included)</i>	
• Integrated, backlit condensate separator with PTFE filter and additional spare filter	
• Condensate separator with WATER STOP FILTER and Internal flow monitoring and alarm	
• Menu guided software and function keys	
• 100 - 240 Volt Battery charger	
• Robust, stainless steel gas connectors	
• DUAL Bluetooth module for wireless data transfer to PC/Notebook and MRU4u App on Smartphones or Tablet (iOS and Android)	



(\*1) NOTE: is maximum overload range, suitable only for short measuring time

**Analyzer sets**

<b>AMPRO plus - ANALYZER SET INCLUDING</b>	<b>O2 / CO and CO2*1</b>	<b>1</b>	<b>420082-01</b>	<b>\$3,098.00</b>	<b>0%</b>	<b>\$3,098.00</b>
All the options mentioned above PLUS #63319 Transport Case and industrial probe # 62741 with 9' sampling line and 12" exchangeable probe tube <span style="float: right;">*1 calculated CO2</span>						
<b>AMPRO plus - ANALYZER SET INCLUDING</b>	<b>O2 / CO and CO2*1</b>	<b>1</b>	<b>420082-02</b>	<b>\$3,471.00</b>	<b>0%</b>	<b>\$3,471.00</b>
All the options mentioned above PLUS - # 63319 Transport Case and IR printer # 63677 and industrial probe # 62741 with 9' sampling line and 12" exchangeable probe tube <span style="float: right;">*1 calculated CO2</span>						
<b>AMPRO plus - ANALYZER SET INCLUDING</b>	<b>O2 / CO / NO and CO2*1</b>	<b>1</b>	<b>420082-03</b>	<b>\$3,892.00</b>	<b>0%</b>	<b>\$3,892.00</b>
All the options mentioned above PLUS #63319 Transport Case and industrial probe # 62741 with 9' sampling line and 12" exchangeable probe tube and NO measurement # 63058 (0...1,000ppm / 5,000ppm) and calculated NOx <span style="float: right;">*1 calculated CO2</span>						
<b>AMPRO plus - ANALYZER SET INCLUDING</b>	<b>O2 / CO / NO and CO2*1</b>	<b>1</b>	<b>420082-04</b>	<b>\$4,265.00</b>	<b>0%</b>	<b>\$4,265.00</b>
All the options mentioned above PLUS - # 63319 Transport Case and IR printer # 63677 and industrial probe # 62741 with 9' sampling line and 12" exchangeable probe tube and NO measurement # 63058 (0...1,000ppm / 5,000ppm) and calculated NOx <span style="float: right;">*1 calculated CO2</span>						
<b>AMPRO 2000 - ANALYZER SET INCLUDING</b>	<b>O2 / CO NO / NO2 and CO2*1</b>	<b>1</b>	<b>420082-05</b>	<b>\$4,971.00</b>	<b>0%</b>	<b>\$4,971.00</b>
All the options mentioned above PLUS #63319 Transport Case and industrial probe # 62741 with 9' sampling line and 12" exchangeable probe tube and NO measurement # 63058 (0...1,000ppm / 5,000ppm) and NO2 measurement # 64110 (0...200ppm / 1,000ppm) - TRUE NOx <span style="float: right;">*1 calculated CO2</span>						
<b>AMPRO plus - ANALYZER SET INCLUDING</b>	<b>O2 / CO NO / NO2 and CO2*1</b>	<b>1</b>	<b>420082-06</b>	<b>\$5,344.00</b>	<b>0%</b>	<b>\$5,344.00</b>
All the options mentioned above PLUS - # 63319 Transport Case and IR printer # 63677 and industrial probe # 62741 with 9' sampling line and 12" exchangeable probe tube and NO measurement # 63058 (0...1,000ppm / 5,000ppm) and NO2 measurement # 64110 (0...200ppm / 1,000ppm) - TRUE NOx <span style="float: right;">*1 calculated CO2</span>						



SENSORS electro-chemical					QTY	Part No.	Unit price	Discount	Total Price
Sensor OPTION - CO Very High	0 - 40,000 ppm	overload 100,000 ppm (*1)	1	63134	\$1,099.00	0%	\$1,099.00		
Sensor OPTION - NO	with calculated NOx	0 - 1,000 ppm	overload 5,000 ppm (*1)	1	63058	\$794.00	0%	\$794.00	
Sensor OPTION - NO2	For true NOx	0 - 200 ppm	overload 1,000 ppm (*1)	1	64110	\$1,079.00	0%	\$1,079.00	
Sensor OPTION - SO2	0 - 2,000 ppm	overload 5,000 ppm (*1)	1	63060	\$981.00	0%	\$981.00		

(\*1) NOTE: is maximum overload range, suitable only for short measuring time

SENSOR-SOFTWARE OPTIONS					QTY	Part No.	Unit price	Discount	Total Price
SOFTWARE OPTION - CO low	0 - 500 ppm	with 0.1ppm resolution	1	63133	\$255.00	0%	\$255.00		
SOFTWARE OPTION - NO low	requires Part #: 63058 NO Sensor	0 - 300 ppm	with 0.1ppm resolution	1	63135	\$255.00	0%	\$255.00	
SOFTWARE OPTION - NO2 low	requires Part #: 64110 NO2 Sensor	0 - 100 ppm	with 0.1ppm resolution	1	65647	\$255.00	0%	\$255.00	
SOFTWARE OPTION - SO2 low	requires Part #: 63060 SO2 Sensor	0 - 300 ppm	with 0.1ppm resolution	1	11183	\$255.00	0%	\$255.00	

PLEASE NOTE: THESE ARE NOT separate sensors; these are standard sensors used with special software options!

INFRARED MODULES NDIR					QTY	Part No.	Unit price	Discount	Total Price
CO <sub>2</sub> Measurement	CO purge not possible with this option	0 - 40 %	1	64618	\$1,181.00	0%	\$1,181.00		
CO <sub>2</sub> / CxHy Measurement	CO purge not possible with this option	0 - 40 %	0 ... 40.000ppm	1	65648	\$2,027.00	0%	\$2,027.00	

OPTIONS & ACCESSORIES					QTY	Part No.	Unit price	Discount	Total Price
High accuracy differential pressure sensor and measurement +/- 100 hPa for continuous draft measurement					1	63316	\$161.00	0%	\$161.00
Combustion air temperature probe – 2.5" (65 mm)					1	62934	\$170.00	0%	\$170.00
Combustion air temperature probe – 8" (200 mm)					1	62928	\$209.00	0%	\$209.00
Combustion air temperature probe – 12" (300 mm)					1	61518	\$294.00	0%	\$294.00
AUX input for additional parameters					1	63136	\$178.00	0%	\$178.00
Active Vent Adapter incl. magnetic mounting - if AUX is already installed					1	13291	\$737.00	0%	\$737.00
Active Vent Adapter incl. magnetic mounting - with additional AUX port					1	13291AUX	\$915.00	0%	\$915.00

STORAGE AND TRANSPORTATION					QTY	Part No.	Unit price	Discount	Total Price
ABS Transport case					1	63319	\$231.00	0%	\$231.00
ABS Transport case with additional space for accessories					1	62931	\$320.00	0%	\$320.00
Operator carrier bag					1	14361	\$77.70	0%	\$77.70
Soft transport bag (MRU Design), with shoulder strap					1	11507	\$326.00	0%	\$326.00
Soft transport bag with shoulder strap (for easy transport, e.g. when climbing up a chimney)					1	63729	\$231.00	0%	\$231.00
Arctic, unheated transport bag, suitable for low ambient temperatures from -15°C					1	63730	\$385.00	0%	\$385.00
Arctic, heated transport bag, battery operated (suitable for application areas up to -30°C)					1	64277	\$1,827.00	0%	\$1,827.00
including gas sampling probe for industrial combustions #62741									
NOTE: Option "AUX" #63136 is required!									
Insulating jacket for probe and sampling line, "arctic transport bag"					1	63731	\$239.00	0%	\$239.00
Shoulder strap for Analyzer					1	63218	\$94.40	0%	\$94.40

ADDITIONAL MEASUREMENTS - OPTIONS					QTY	Part No.	Unit price	Discount	Total Price
Detector Probe** with handle and 1,95 m cable (without sensor*)					1	11182	\$255.00	0%	\$255.00
to be connected to AUX socket * OPTION AUX 63136 is needed									
*Please select one of the following sensors additionally:									
AUX input for additional parameters					1	63136	\$178.00	0%	\$178.00
Sensor for CH <sub>4</sub> leakage detection "HC400"					1	11138	\$179.00	0%	\$179.00
Sensor for CH <sub>4</sub> and C <sub>3</sub> H <sub>8</sub> leakage detection "HC401"					1	11591	\$210.00	0%	\$210.00
Sensor for C <sub>3</sub> H <sub>8</sub> and H <sub>2</sub> leakage detection "HC402"					1	11733	\$249.00	0%	\$249.00
Sensor for stack moisture test "RM400"					1	11191	\$130.00	0%	\$130.00
Sensor for Indoor climate sensor "HM400" (Humidity, Temperature, Atmospheric Pressure, Dew Point)					1	11922	\$135.00	0%	\$135.00
Sensor for Temperature (IR) "IR400" (contactless infrared)					1	12121	\$223.00	0%	\$223.00
Sensor for Refrigerants "RF400" (CFC, HFCS, HFO)					1	11190	\$295.00	0%	\$295.00
Sensor for CO measurement in ambient air					1	12130	\$280.00	0%	\$280.00
Sensor for CO <sub>2</sub> measurement in ambient air					1	12623	\$443.00	0%	\$443.00
LED Lamp - LED 400					1	12698	\$56.30	0%	\$56.30
Gas flow velocity using PITOT Tubes - requires Pitot tube and Option 63316					1	63139	\$378.00	0%	\$378.00
High accuracy differential pressure sensor and measurement +/- 100 hPa for continuous draft measurement					1	63316	\$161.00	0%	\$161.00

PITOT TUBES WITH AND WITHOUT TEMPERATURE MEASUREMENT	QTY	Part No.	Unit price	Discount	Total Price
<i>See additional price list if needed</i>					

SOFTWARE OPTIONS and DOCUMENTATION	QTY	Part No.	Unit price	Discount	Total Price
MRU4win - "full" version software, for real time data acquisition and handling on PC with Windows10	1	10539	\$287.00	0%	\$287.00
Automatic measurement including data storage on SD Card with user definable determination of average value	1	64158	\$311.00	0%	\$311.00
High speed easy paper loading IR printer (to be charged with analyzer charger)	1	63677	\$373.00	0%	\$373.00

INDUSTRIAL PROBE HANDLE - Additional probe tube needed (different lengths available)	QTY	Part No.	Unit price	Discount	Total Price
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**Industrial Probe handle with sampling line.**  
Industrial probe handle for exchangeable probe tubes; integrated NiCrNi thermocouple; type "K" connector  
VITON gas sampling hose and Silicone draft hose; stainless steel connectors. With:

Sampling line and handle VITON - 9' (2.7 m)	1	62741	\$350.00	0%	\$350.00
Sampling line and handle VITON - 16' (5.0 m)	1	62747	\$405.00	0%	\$405.00

*Additional probe tube needed - see below*

EXCHANGEABLE PROBE TUBE FOR INDUSTRIAL PROBE HANDLE (Cone is included)	QTY	Part No.	Unit price	Discount	Total Price
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*exchangeable probe tube with cone*



*exchangeable probe tube with sintered metal filer and cone*

EXCHANGEABLE PROBE TUBE FOR INDUSTRIAL PROBE HANDLE (Cone is included)				QTY	Part No.	Unit price	Discount	Total Price	
Exchangeable probe tube	12" x 0.3"	(300 mm x 8 mm)	High grade steel	≤ 1472°F (800°C)	1	55583	\$150.00	0%	\$150.00
Exchangeable probe tube	20" x 0.3"	(500 mm x 8 mm)	High grade steel	≤ 1472°F (800°C)	1	59292	\$415.00	0%	\$415.00
Exchangeable probe tube	20" x 0.4"	(500 mm x 10 mm)	High grade steel	≤ 1472°F (800°C)	1	55806	\$529.00	0%	\$529.00
Exchangeable probe tube	30" x 0.4"	(750 mm x 10 mm)	High grade steel	≤ 1472°F (800°C)	1	55672	\$389.00	0%	\$389.00
Exchangeable probe tube	40" x 0.4"	(1000 mm x 10 mm)	High grade steel	≤ 1472°F (800°C)	1	55673	\$403.00	0%	\$403.00
Exchangeable probe tube	60" x 0.4"	(1500 mm x 10 mm)	High grade steel	≤ 1472°F (800°C)	1	55674	\$600.00	0%	\$600.00
Exchangeable probe tube	80" x 0.4"	(2000 mm x 10 mm)	High grade steel	≤ 1472°F (800°C)	1	55464	\$803.00	0%	\$803.00

Exchangeable probe tube	20" x 0.3"	(500 mm x 8 mm)	Inconel	≤ 2000°F (1100°C)	1	63927	\$1,271.00	0%	\$1,271.00
Exchangeable probe tube	30" x 0.4"	(750 mm x 10 mm)	Inconel	≤ 2000°F (1100°C)	1	60626	\$668.00	0%	\$668.00
Exchangeable probe tube	40" x 0.4"	(1000 mm x 10 mm)	Inconel	≤ 2000°F (1100°C)	1	56737	\$787.00	0%	\$787.00
Exchangeable probe tube	60" x 0.4"	(1500 mm x 10 mm)	Inconel	≤ 2000°F (1100°C)	1	56738	\$1,423.00	0%	\$1,423.00

EXCHANGEABLE PROBE TUBE FOR INDUSTRIAL PROBE HANDLE (Cone is included)				QTY	Part No.	Unit price	Discount	Total Price	
Exchangeable probe tube	30" x 0.4"	with sintered metal filter	High grade steel	≤ 932°F (500°C)	1	60813	\$813.00	0%	\$813.00
Exchangeable probe tube	40" x 0.4"	with sintered metal filter	High grade steel	≤ 932°F (500°C)	1	60814	\$922.00	0%	\$922.00
Exchangeable probe tube	60" x 0.4"	with sintered metal filter	High grade steel	≤ 932°F (500°C)	1	60815	\$1,085.00	0%	\$1,085.00
Sintered metal filter for probe tube, CrNi, 3µm for probe tubes 60813-60814-60815				1	56748	\$503.00	0%	\$503.00	
Heat deflector shield for high temperature radiation site (Ø6" with Ø0.31" hole for probe tube)				1	65481	\$133.00	0%	\$133.00	
Heat deflector shield for high temperature radiation site (Ø6" with Ø0.39" hole for probe tube)				1	65481-10	\$152.00	0%	\$152.00	

HIGH TEMPERATURE PROBE WITH CERAMIC PROBE TUBE				QTY	Part No.	Unit price	Discount	Total Price
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**WITHOUT TEMPERATURE AND DRAFT MEASUREMENT!**

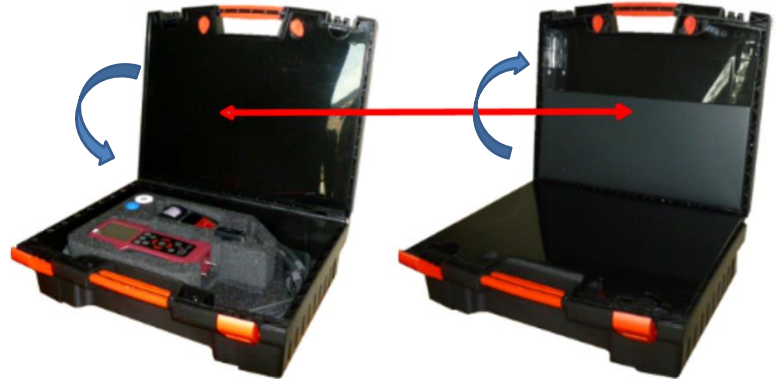
High Temperature probe	40" x 0.4"	(1000 mm x 10 mm)	Ceramic	≤ 3000°F (1700°C)	1	63320	\$1,997.00	0%	\$1,997.00
Heat deflector shield for high temperature radiation site (Ø6" with Ø0.39" hole for probe tube)				1	65481-10	\$152.00	0%	\$152.00	

CONSUMABLES	QTY	Part No.	Unit price	Discount	Total Price
Service & cleaning set with WATER STOP FILTER	1	13885	\$172.00	0%	\$172.00
Spare part set (O-Rings, Filter, Condensate show glass) <b>units with WATER STOP FILTER</b>	1	63140USW	\$125.00	0%	\$125.00
Replaceable filter elements for condensate separator <b>WHEN USING WITH 51513 (washable and reusable up to 5 times)</b>	1	10156	\$19.40	0%	\$19.40
Water stop filter Acrodisc PTFE 1,0µm with O-RING <b>IN COMBINATION WITH 10156</b>	1	13346	\$20.40	0%	\$20.40
Printer paper rolls (5 rolls)	1	59465	\$20.20	0%	\$20.20
Pre-Filter for high dust applications to be mounted after probe handle	1	56356A	\$38.90	0%	\$38.90
Filter tablets for Pre-Filter 56356 50pcs per pack	1	52798	\$40.00	0%	\$40.00
Filter set for solid fuel measurements (Wood, Pellets, Coal) protects the unit against humidity and acid gases not suitable for NOx and SO2 measurements	1	11153	\$372.00	0%	\$372.00

Transport cases / bags



Standard ABS Transport case # 63319



ABS Transport case with additional space for accessories # 62931



Arctic, unheated transport bag # 63730

Arctic, heated transport bag # 64277



Soft transport case # 11507



Soft transport case # 63729



Active Vent Adapter incl. magnetic mounting



Operator carrier bag # 14361



## 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.

### B. Payment Terms

MRU Instruments payment 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' opinion, 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.

### E. Delivery

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.

### F. Force Majeure

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' standard 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..

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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 Instruments' liability hereunder is expressly limited to the repair or replacement (at MRU Instruments' option) of non-conforming goods or, at MRU Instruments' election, 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.. 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 of 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 Instruments, Inc.

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.