

NOVAplus KFZ

VEHICLE EXHAUST GAS ANALYZER

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PRICE LIST 2024
PRICE VALLE DAIDY 12/23/12024

MRU Instruments, Inc.

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

NOVA plus KFZ



NOVA plus KFZ Page: 2 of 3 Price list valid till: 12/31/2024

NOVA plus KFZ

Portable Vehicle Exhaust Gas Analyzer with wireless Remote Control Unit (RCU)

BASIC configuration and functions of NOVAplus-KFZ

- · Remote Control Unit RCU-comfort is included
- · Bosch Smoke Unit (BSU) measurement with optical densitometer
- Gas sampling probe with steel flexible tube, for exhaust gas temperature up to 500°C
- · Large condensate separator with PTFE (Teflon) coated PTFE filter
- · Strong, high performance gas sampling pump for high suction sampling
- · Automatic zeroing using 3/2-Way solenoid valve
- · O₂ referencing (normalization) to user settable value
- · n-Hexane measurement with PEF factor storage
- True measurement of $NO(x) = NO + NO_2$ and NO(x) as $mg/m^3 NO_2$
- · Lambda calculation according to Brettschneider formula
- · Automatic measurement incl. data logging function
- · Ambient air temperature measurement (short plug for ambient air is included)
- Built-in speed printer with easy paper loading
- · Mini-USB interface to PC and SD-card slot for large volume data logging, incl. SD-card
- Internal data storage for up to 16.000 measurements!
- · High energy Li-Ion battery, for up to 10 hrs. operation time
- Universal grid power supply, 100-240Vac/50-60Hz / 12V dc
- \cdot Docking station for remote control with wireless, inductive charging of remote control unit RCU
- · Robust metal enclosure mounted inside aluminum framed case
- · Low weight (7,5 kg) and size W 470 x D 220 x H 300 mm, durable and easy to transport

Functions overview RCU:

- · Remote control of all instrument functions
- · Backlit 3.5" TFT high resolution color display
- \cdot Data storage of measured values and transfer to PC
- · SD card (4 GB), mini USB port
- · Contactless inductive battery charging
- · Li-Ion battery for approx. 30 hrs. mains free operation
- · Differential pressure measurement, +/- 100 hPa
- · 2 channel temperature measurement
- · T-Air measurement
- · AUX socket (e.g. for intake of external transmitter)
- · Gas flow velocity and mass flow measurement





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59465

\$20.20

0%

\$20.20



NOVA plus KFZ Page: 3 of 3 Price list valid till: 12/31/2024

	NALYZER	WITH		QTY	Part No.	Unit price	Discount	Total Price
NOVAplus-KFZ, Base Unit, as described a	above mounted inside rugged	aluminum frame case		1	947060	\$7,029.00	0%	\$7,029.0
STORAGE AND TRANSPORT	TATION			QTY	Part No.	Unit price	Discount	Total Price
Additional storage for LARGE aluminum transport case (will be mounted below the transport case)				1	65513	\$183.00	0%	\$183.0
LARGE Case: L 18.50" x W 8.66" x H 4.72	" (L 470 x W 220 x H 120mm)				-1	l.	I	<u> </u>
Waterproof transport case				1	999-CASE NE	\$484.00	0%	\$0.0
SENSORS - electro chemical -	select up to 5 sensor	s		QTY	Part No.	Unit price	Discount	Total Price
Sensor OPTION - 02-LL	Soloot up to o solisor	0 - 25 %	5	1	11753	\$503.00	0%	\$503.0
Sensor OPTION - CO / H2 compensated			pm overload 20,000 pp	n 1	65967	\$772.00	0%	\$772.0
Sensor OPTION - NO	with calculated NOx	0 - 1,000 p	pm overload 5,000 pp		63937	\$794.00	0%	\$794.0
Sensor OPTION - NO2	For true NOx	0 - 200 p	pm overload 1,000 pp	n 1	63059	\$1,079.00	0%	\$1,079.0
Sensor OPTION - SO2		0 - 2,000 p	pm overload 5,000 pp	n 1	63990	\$981.00	0%	\$981.0
INEDARED MODULES (TRID	LE CAS NDIB)			QTY	Down No.	Hait mains	Discount	Total Briss
INFRARED MODULES (TRIPLE GAS NDIR) NDIR Module					Part No. 12815	Unit price	0%	Total Price
NDIR Module	exame 0 2,000ppm / 10.	.0% 0 -40.0%	0 2,000 / 10,000 ppm	1	12815	\$3,463.00	0%	\$3,463.0
SOFTWARE OPTIONS				QTY	Part No.	Unit price	Discount	Total Price
SOFTWARE OPTIONS MRU4win - "full" version software, for re	eal time data acquisition and h	andling on PC with Wind	dows10	QTY 1	Part No. 10539	Unit price \$287.00	Discount 0%	
	·	-	lows10					
MRU4win - "full" version software, for re	is needed (operation via RCU)		lows10					\$287.0
MRU4win - "full" version software, for re NOTE: Option #10538 Bluetooth for RCU	is needed (operation via RCU) ode for Android and IOS (with	out MRU Software)	iows10	1	10539	\$287.00	0%	\$287.0
MRU4win - "full" version software, for re NOTE: Option #10538 Bluetooth for RCU Bluetooth Module "Low Energy", Dual Mo	is needed (operation via RCU) ode for Android and IOS (with	out MRU Software) U at a later date!	lows10	1	10539	\$287.00	0%	\$287.0 \$143.0
MRU4win - "full" version software, for re NOTE: Option #10538 Bluetooth for RCU Bluetooth Module "Low Energy", Dual M NOTE: This option is not retrofittable, it	is needed (operation via RCU) ode for Android and IOS (with can not be installed inside RC BASE U	out MRU Software) (U at a later date!	dows10	1	10539	\$287.00 \$143.00	0%	Total Price \$287.0 \$143.0 Total Price \$801.0
MRU4win - "full" version software, for re NOTE: Option #10538 Bluetooth for RCU Bluetooth Module "Low Energy", Dual M NOTE: This option is not retrofittable, it	is needed (operation via RCU) ode for Android and IOS (with can not be installed inside RC BASE U	out MRU Software) (U at a later date!	dows10	1 1 QTY	10539 10538 Part No.	\$287.00 \$143.00 Unit price	0% 0% Discount	\$287.0 \$143.0 Total Price
MRU4win - "full" version software, for re NOTE: Option #10538 Bluetooth for RCU Bluetooth Module "Low Energy", Dual Mo NOTE: This option is not retrofittable, it OPTIONS & ACCESSORIES Low energy, high efficiency Peltier Gas C	is needed (operation via RCU) ode for Android and IOS (with can not be installed inside RC BASE U Cooler with condensate pump	out MRU Software) (U at a later date!	lows10	1 1 QTY	10539 10538 Part No.	\$287.00 \$143.00 Unit price	0% 0% Discount	\$287.0 \$143.0 Total Price \$801.0
MRU4win - "full" version software, for re NOTE: Option #10538 Bluetooth for RCU Bluetooth Module "Low Energy", Dual MonoTE: This option is not retrofittable, it OPTIONS & ACCESSORIES Low energy, high efficiency Peltier Gas C (with condensate monitoring and alarm) CO sensor protection by using additional	is needed (operation via RCU) ode for Android and IOS (with can not be installed inside RC BASE U Cooler with condensate pump	out MRU Software) 'U at a later date! NIT	lows10	1 1 QTY 1	10539 10538 Part No. 63866	\$287.00 \$143.00 Unit price \$801.00	0% 0% Discount 0%	\$287.0 \$143.0 Total Price \$801.0
MRU4win - "full" version software, for re NOTE: Option #10538 Bluetooth for RCU Bluetooth Module "Low Energy", Dual MonoTE: This option is not retrofittable, it OPTIONS & ACCESSORIES Low energy, high efficiency Peltier Gas C (with condensate monitoring and alarm) CO sensor protection by using additional	is needed (operation via RCU) ode for Android and IOS (with can not be installed inside RC BASE U Cooler with condensate pump Il purging pump s installed together with 3-gas	out MRU Software) U at a later date! NIT bench #12815	lows10	1 1 QTY 1	10539 10538 Part No. 63866	\$287.00 \$143.00 Unit price \$801.00	0% 0% Discount 0%	\$287.0 \$143.0 Total Price \$801.0
MRU4win - "full" version software, for re NOTE: Option #10538 Bluetooth for RCU Bluetooth Module "Low Energy", Dual M. NOTE: This option is not retrofittable, it OPTIONS & ACCESSORIES Low energy, high efficiency Peltier Gas C (with condensate monitoring and alarm) CO sensor protection by using additiona NOTE: Required if CO/H2comp. #65967 is	is needed (operation via RCU) ode for Android and IOS (with can not be installed inside RC BASE U Cooler with condensate pump Il purging pump s installed together with 3-gas il filter, recommended for use	out MRU Software) U at a later date! NIT bench #12815	Hows10	1 1 QTY 1 1	10539 10538 Part No. 63866	\$287.00 \$143.00 Unit price \$801.00	0% 0% Discount 0% 0%	\$287.0 \$143.0 Total Price \$801.0
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MRU4win - "full" version software, for re NOTE: Option #10538 Bluetooth for RCU Bluetooth Module "Low Energy", Dual M. NOTE: This option is not retrofittable, it OPTIONS & ACCESSORIES Low energy, high efficiency Peltier Gas C (with condensate monitoring and alarm) CO sensor protection by using additiona NOTE: Required if CO/H2comp. #65967 is Separate CO sensor protection by Purafi NOTE: not possible to retrofit at a later disconsistent of the CONSUMABLES and OTHER	is needed (operation via RCU) ode for Android and IOS (with can not be installed inside RC BASE U Cooler with condensate pump s installed together with 3-gas if filter, recommended for use ate! R ACCESSORIES IOVA plus)	out MRU Software) CU at a later date! NIT bench #12815 at CHP engines	Hows10	1 1 1 1 1 QTY	10539 10538 Part No. 63866 64013 65028	\$287.00 \$143.00 Unit price \$801.00 \$141.00 Unit price	0% Discount 0% 0% 0% Discount	\$287.0 \$143.0 Total Price \$801.0 \$141.0
MRU4win - "full" version software, for re NOTE: Option #10538 Bluetooth for RCU Bluetooth Module "Low Energy", Dual M. NOTE: This option is not retrofittable, it OPTIONS & ACCESSORIES Low energy, high efficiency Peltier Gas C (with condensate monitoring and alarm) CO sensor protection by using additiona NOTE: Required if CO/H2comp. #65967 is Separate CO sensor protection by Purafi NOTE: not possible to retrofit at a later disconsistent of the CONSUMABLES and OTHER Additional SD card, 8GB (accredited for N	is needed (operation via RCU) ode for Android and IOS (with can not be installed inside RC BASE U Cooler with condensate pump s installed together with 3-gas if filter, recommended for use ate! R ACCESSORIES IOVA plus) ning brush, silicone, duster, et	out MRU Software) CU at a later date! NIT bench #12815 at CHP engines		1 1 1 1 1 1 QTY 1 1	10539 10538 Part No. 63866 64013 65028 Part No. 62994	\$287.00 \$143.00 Unit price \$801.00 \$141.00 Unit price \$25.70	0% Discount 0% 0% 0% Discount 0%	\$287.0 \$143.0 Total Price \$801.0 \$141.0 Total Price \$25.7



Printer paper, thermal paper, 58 mm x 20 m (1 pack. = 5 rolls)

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MRU Instrumentsqpayment 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 Instrumentsoppinion, 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.

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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.

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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.

