



# MFplus

MULTIFUNCTIONAL MEASURING DEVICE



**PRICE LIST 2025**  
VALID 01/01/ - 12/31/2025

## Multifunctional Measuring Device

# MFplus 16911

Measuring instrument dedicated to travers points volumetric flow rate measurement in industrial stacks,  
flow rate measurement in industrial stacks compliant to European Standard EN 16911-1, to ISO 10780 and to USEPA 40CFR part 60, method 2

### BASIC CONFIGURATION AND FUNCTION

<b>Measurement of:</b>	100mbar high accuracy pressure / differential pressure 1000°C temperature / differential temperature, K-type Barometric pressure
<b>Measuring units:</b>	User free selectable, all metric and imperial units
<b>Calculations:</b>	Instant and average data, dry and wet gas data, etc.
<b>Data memory:</b>	Site and data- storage (up to 16.000 measurements)
<b>Storage function:</b>	Via built-in SD-card, in CSV format
<b>Display:</b>	Brilliant 3,5" TFT color display
<b>Batteries:</b>	Li-Ion Battery for 30 hrs. operation time
<b>Dimensions of the housing:</b>	90 x 205 x 38 mm (w/h/d)
<b>Weight:</b>	Lightweight - approx. 470 g
<b>Housing:</b>	Robust housing with dirt resistant keypad
<b>Connectors:</b>	Robust metal connectors
<b>Interfaces:</b>	Mini-USB (Data transfer and charging)
<b>Power supply:</b>	Universal wall plug charger 100...240Vac / 5Vdc / 1A
<b>Accessories:</b>	Wall plug charger, short K-type plug, 8GB SD-card, set of connecting silicon hoses with small ABS transport case with foam insert (for instrument, battery charger and hose set only)



MFplus "166911	QTY	Part No.	Unit price	Discount	Total Price
Base unit as described above, with dedicated software for gas flow velocity measurement according to EN16911 by means of Pitot tube, for traverse points measurements across stack incl. flow rate calculation	1	913012	\$1,622.00	0%	\$1,622.00

OPTIONS & ACCESSORIES					
Temperature probes	QTY	Part No.	Unit price	Discount	Total Price
Ambient air probe, -100...+250 °C, Ø 8,0 mm, length 200 mm	1	63923	\$145.00	0%	\$145.00
Pipe contact sensor for pipe D up to 150 mm, type K / short response time / Measuring range: -40...356°F (-40...+180°C) incl. tensioning chain and spring / Cable length 2m	1	12988	\$213.00	0%	\$213.00
Universal probe, -100...+250 °C, Ø 4,5 mm, length 150 mm	1	85001	\$143.00	0%	\$143.00

ADDITIONAL MEASUREMENTS					
Ambient humidity and ambient temperature measurement incl. - Software activation ambient humidity & temperature measurement - SMARTplus adapter - Humidity and ambient temperature probe for relative humidity 3-98%, up to 80°C temperature	1	65939	\$650.00	0%	\$650.00
Volume flow cone 200 x 200 mm, suitable for vane Ø 100 mm Accuracy ± 3 % of MW o. ± 0.03 cm³	1	63891	\$351.00	0%	\$351.00
Flow velocity measurement with vanes 100mm incl: - Software activation ambient humidity & temperature measurement - SMARTplus adapter - Vane probe Ø 100mm 0.2-35m/s	1	64070	\$1,088.00	0%	\$1,088.00

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

TRANSPORT OPTIONS	QTY	Part No.	Unit price	Discount	Total Price
Robust transport case for MFplus with compartments for accessories	1	64302	\$290.00	0%	\$290.00
Transport case - small - with foam insert	1	10583	\$72.00	0%	\$72.00

DOCUMENTATION / DATA TRANSFER / PC SOFTWARE (XP, WIN7)	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	\$298.00	0%	\$298.00
High speed easy paper loading IR printer (to be charged with analyzer charger)	1	63677	\$387.00	0%	\$387.00
Printer paper, thermal paper, 58 mm x 20 m (1 pack. = 5 rolls)	1	59465	\$21.00	0%	\$21.00
Adapter AUX to RS485 & Software for reading out the measured values 2x pressure and 2x temperature	1	12475	\$251.00	0%	\$251.00

**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.

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**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.