

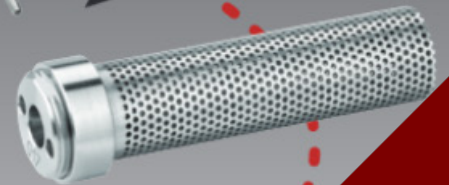


# FSM

PARTICULATE MATTER MEASUREMENT



FSM  
Case for collecting  
particulate matter

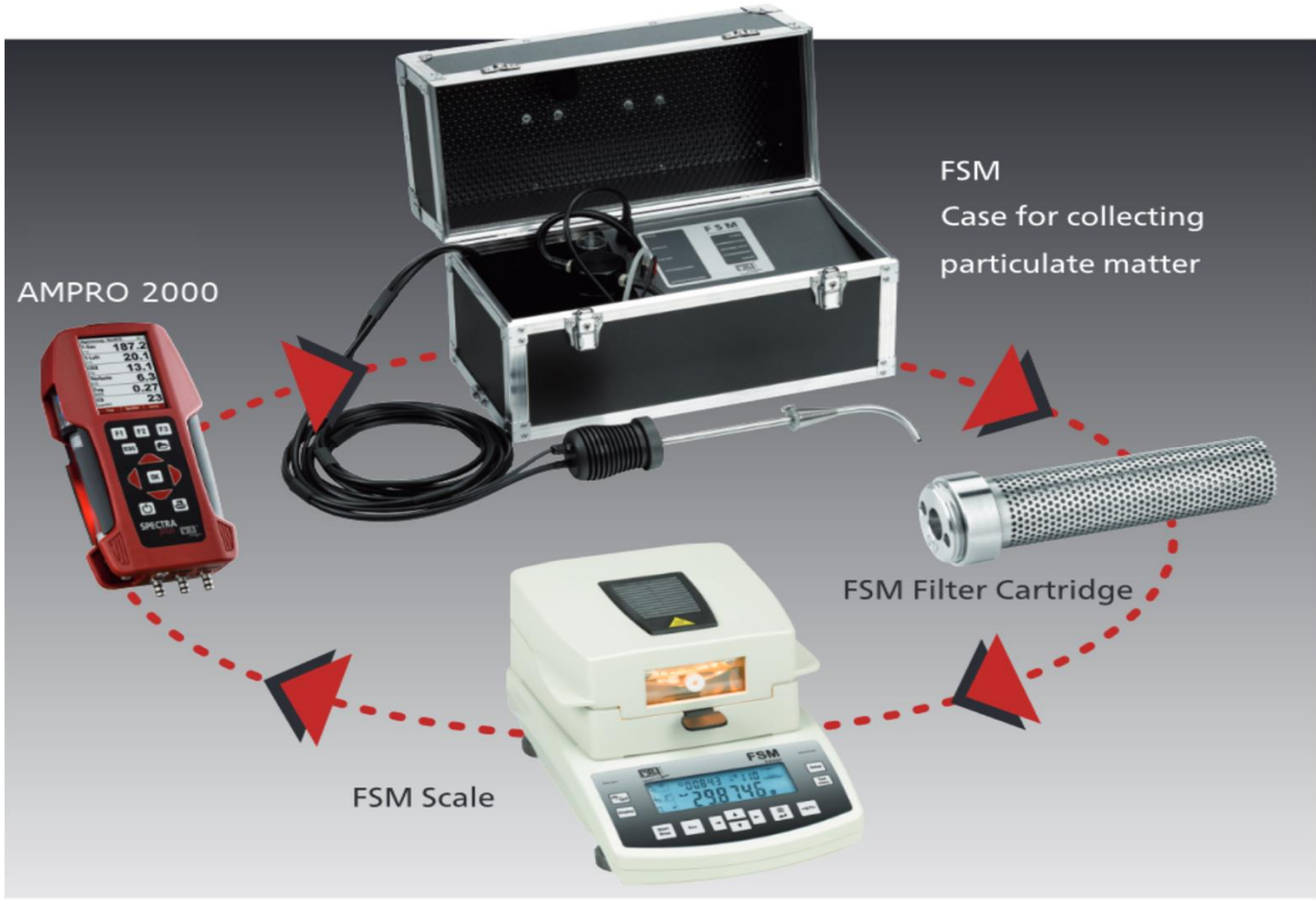


FSM Filter Cartridge



FSM Scale

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



FSM - Case, Basic functions & Equipment	QTY	Part No.	Unit price	Discount	Total Price
<b>FSM</b> <ul style="list-style-type: none"> <li>• Robust aluminum frame case with space for pump module, gas sampling probe, 4m gas sampling hose and 10 slots for filter tubes with FSM Filter cartridges</li> <li>• Particulate filter unit with active carbon, silica gel and purafil, integrated in the case top (option)</li> <li>• Pump module in a robust metal case with LED - function display, large condensate trap with backup filter and interface to the AMPRO 2000 "FSM"</li> <li>• Gas sampling probe 300 mm, 4.0 m hose, stainless steel cone</li> <li>• PTFE - probe handle with slot device for the filter cartridge</li> <li>• 5 pieces dust collection filters, with filter cartridge transport containers</li> <li>• can be controlled by AMPRO plus "FSM" (AMPRO plus is NOT included)</li> </ul>	1	948000	\$6,567.00	0%	\$6,567.00
Case	QTY	Part No.	Unit price	Discount	Total Price
<ul style="list-style-type: none"> <li>• Additional compartment for the FSM Case</li> </ul>	1	65513	\$191.00	0%	\$191.00
FSM Scale, Basic functions & Equipment	QTY	Part No.	Unit price	Discount	Total Price
<ul style="list-style-type: none"> <li>• Drying and weighing the filter in the filter cartridge before the collection process</li> <li>• Drying and re-weighing of the filter with filter cartridge after the collection pro</li> <li>• Transfer of the measurements to the AMPRO 2000 "FSM"</li> </ul>	1	64629	\$2,012.00	0%	\$2,012.00
STORAGE AND TRANSPORTATION	QTY	Part No.	Unit price	Discount	Total Price
Transport case FSM scales, aluminum frame case with foam edging	1	14087	\$546.00	0%	\$546.00

AMPRO plus - ANALYZER WITH	WITH	QTY	Part No.	Unit price	Discount	Total Price
FSM - AMPRO plus • Long Life O2 sensor (with 4 - 5 years life expectation) 0 - 21%	0 - 10,000 ppm overload 20,000 ppm	1	420082-FSM	\$3,616.00	0%	\$3,616.00
<ul style="list-style-type: none"> <li>• CO (H2 compensated) sensor</li> <li>• Calculated CO2 or optional NDIR measured CO2 (OPTION 64618 or 65648)</li> <li>• Large fuel type list + user definable fuel types</li> <li>• CO protection using 2nd pump (<i>protects the CO sensor against unwanted high CO concentrations</i>)</li> <li>• High energy Li-Ion battery (<i>for up 20 hours operation time</i>)</li> <li>• Analyzer and probe leak test (<i>allows you to check analyzer and probe for leaks</i>)</li> <li>• Combustion and Emission calculations</li> <li>• Flue Gas and Ambient Air Temperature measurement</li> <li>• Differential Temperature Measurement</li> <li>• Differential Pressure Measurement and Draft Measurement</li> <li>• Modern, slim line enclosure with fixing magnets</li> <li>• Dirt resistant - illuminated key pad</li> <li>• Super bright, color 4.0" TFT display with LED backlight (<i>customizable and zoom function</i>)</li> <li>• Mini-USB interface and USB cable, SD card reader and SD Card (<i>export function to Excel</i>)</li> <li>• IRDA interface for high speed infrared printer (<i>printer not included</i>)</li> <li>• Integrated, backlit condensate separator with PTFE filter and additional spare filter</li> <li>• Menu guided software and function keys</li> <li>• 100 - 240 Volt Battery charger</li> <li>• Robust, stainless steel gas connectors</li> <li>• DUAL Bluetooth module for wireless data transfer to PC/Notebook and MRU4u App on Smartphones or Tablet (iOS and Android)</li> <li>• Industrial probe # 62741 with 9' sampling line and 12" exchangeable probe tube # 55583</li> <li>• AUX input for additional parameters# 63136</li> <li>• Included FSM Software if buying a FSM Case or FSM Scale</li> <li>• ABS Transport case</li> </ul>						



Recommended upgrades	QTY	Part No.	Unit price	Discount	Total Price
Sensor OPTION - CO Very High 0 - 40,000 ppm overload 100,000 ppm	1	64878	\$1,122.00	0%	\$1,122.00
Filter set for solid fuel measurements (Wood, Pellets, Coal) protects the unit against humidity and acid gases Moisture and dirt device protection, mounted at the top in the case lid	1	64828	\$200.00	0%	\$200.00

Essential Consumables and Spare Parts	QTY	Part No.	Unit price	Discount	Total Price
Determination of moisture content of pellets	1	65938	\$146.00	0%	\$146.00
Active Vent Adapter incl. magnetic mounting	1	13291	\$801.00	0%	\$801.00
LEMO Y adapter cable with 1x plug and 2x socket	1	14542	\$207.00	0%	\$207.00
Particulate matter filter Packaging Qty of 10 pieces (per collection process, 1 filter is needed)	1	64872	\$192.00	0%	\$192.00
Filter cartridge, individually numbered stainless steel perforated sheet, complete with sealing cone	1	64390	\$131.00	0%	\$131.00
Aluminum – transport cartridge, dust-protected, screwable For safe transportation of the particulate matter filter and filter cartridge	1	64510	\$11.00	0%	\$11.00
Filter for the condensate trap	1	64382	\$31.00	0%	\$31.00
Backup - Filter for pump unit protection (if particulate matter filter is not inserted in the probe handle)					
Inspection glass for condensate trap at the FSM Case	1	64493	\$76.00	0%	\$76.00
Gasket for probe tube (temperature resistant Viton material)	1	64559	\$11.00	0%	\$11.00
Scale pan for FSM Scale (Aluminum, embossed for fixing the filter cartridge)	1	64902	\$6.00	0%	\$6.00
Exhaust hose set FSM	1	64815	\$91.00	0%	\$91.00
Anatomical tweezers 16cm	1	64823	\$20.00	0%	\$20.00
Seal cap 10 mm for leak test (for probe tube diameter 10 mm)	1	61383	\$4.00	0%	\$4.00
Interior brush, length 400 mm, Nylon, 100 mm x Ø10 mm	1	64508	\$16.00	0%	\$16.00
Lid for collection container FSM case	1	64829	\$20.00	0%	\$20.00
Activated carbon filter for filter set for solid fuel combustions	1	11152	\$54.00	0%	\$54.00
Purafil filter for solid filter unit	1	11174	\$54.00	0%	\$54.00
Silica gel filter for solid filter unit	1	11159	\$54.00	0%	\$54.00
Active carbon (refill approx. 90 g) with filter tabs # 61186	1	60827	\$12.00	0%	\$12.00
Purafil refill (approx. 100 g) with filter tabs # 61186	1	60825	\$17.00	0%	\$17.00
Silica gel refill (approx. 100 g) with filter tabs # 61186	1	60826	\$13.00	0%	\$13.00

SOFTWARE OPTIONS and DOCUMENTATION	QTY	Part No.	Unit price	Discount	Total Price
Software - Update „Particulate matter measurement“ when buying a FSM Case or FSM Scale	1	64614A	\$0.00	0%	\$0.00

## 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.

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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.

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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.

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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.