

IMR 5000 Meter (SDU5010)



**IMR 5010 (flue gas Measuring unit)**

Includes:

- 1) Display (x2)
  - a) Red LED display
  - b) RS232, 4-20mA
  - c) 5 Digit, 0.56" (14 mm) LED
- 2) Sensor(s)
- 3) Circuit protection
- 4) IP65 NEMA 4x Enclosure
- 5) Capable of working between temperatures of -10 and 50°C
- 6) 120VAC/230VAC AC 60Hz/50Hz
- 7) Cooling fan
- 8) Heating Element with Thermostat (optional)
- 9) 24VDC Pump
- 10) Sample Line – 1.5 m
- 11) Gas Probe 750 mm
- 12) Flange Ø 100 mm
- 13) SS stainless Filter
- 14) Sensors – Basic

- O2 – Oxygen 0-25 % vol.
- CO – Carbon Monoxide 0-4000 ppm

Optional possible / additional Sensors

- NOx – Nitric Oxide 0-200 ppm
- SO2 – Sulphur Dioxide 0-5000 ppm
- NO2 – Nitric Dioxide 0-200 ppm
- H2S - Hydrogen sulfide 0-200 ppm
- HC - Hydro Carbon 0-100 % LEL
- CO2 – Carbon Dioxide 0-20 % vol.

Different Measurement Ranges on Request

- 15) Air Temperature °C/F (Optional)  
Range -20 – 120 °C/-4 - 248F
- 16) Gas Temperature (Optional)  
Range -20 - 1200C
- 17) Flow Controller (Optional)  
Range 0-5 l/m
- 18) Integrated Permeation Dryer (Optional)



Dimensions: 19" x 17" x 12"

Weight approx.: 25 lbs.

Basic: O2 – CO  
2 Sensors – 4 sensor inputs max.

Recommended: use with Peltier Gas Dryer IMR 400

[IMR 400 Specification Sheet](#)

[www.imrusa.com](http://www.imrusa.com)

[IMR 5000 Brochure](#)

IMR 5010 Basic : Item# 5010-Basic