

IMR 5000 Recorder (SDU5020)



Dimensions: 19" x 17" x 12"
Weight approx.: 30 lbs.

Basic: O2 – CO – NOx – SO2
4 Sensors – 12 sensor inputs max.

Recommended: use with Peltier Gas Dryer IMR 400
[IMR 400 Specification Sheet](#)

www.imrusa.com
[IMR 5000 Brochure](#)

IMR 5020 (flue gas Measuring unit)

Includes:

- 1) Data Logger
- 2) Color Display – 5.6" TFT touch screen (640x480)
- 3) SDU5020
 - a) Ethernet, RS232, 4-20mA, 0-20mA
 - b) Webserver & Email – (Req. Ethernet)
 - c) Direct Printer Connectivity
 - d) 20 international languages
 - e) SD card 16 GB, USB host x2
 - f) SPI Card
- 4) Sensor(s)
- 5) Circuit protection
- 6) IP65 NEMA 4x Enclosure
- 7) Capable of working between temperatures of -10 and 50°C
- 8) 120VAC/230VAC AC 60Hz/50Hz
- 9) Cooling fan
- 10) Heating Element with Thermostat (optional)
- 11) 24VDC Pump
- 12) Sample Line – 5 m
- 13) Gas Probe 750 mm
- 14) Flange Ø 100 mm
- 15) SS stainless Filter
- 16) Sensors – Basic

• O2 – Oxygen	0-25 % vol.
• CO – Carbon Monoxide	0-4000 ppm
• NOx – Nitric Oxide	0-200 ppm
• SO2 – Sulphur Dioxide	0-5000 ppm

Optional possible / additional Sensors

- | | |
|--------------------------|-------------|
| • 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

- 17) Air Temperature °C/F (Optional)
Range -20 – 120 °C/-4 - 248F
- 18) Gas Temperature (Optional)
Range -20 - 1200C
- 19) Flow Controller (Optional)
Range 0-5 l/m
- 20) Data Logger Software:
 - a) Observer I –Standard (remote configuration software)
 - b) Observer II –Optional (remote monitoring software)

IMR 5020 Basic : Item# 5020-Basic