



## IMR600

Gas Conditioning System

### PRODUCT ADVANTAGES

- 100% corrosion resistance of the gas pathways
- No condensation on the way from the gas extraction point due to heated sampling lines
- Temperature regulation to protect the physical condition of the flue gas sample
- Over 99 % efficiency is guaranteed
- Condensation of the flue gas sample in the heat exchanger at 5 °C
- Display of outlet dew point temperature on the front panel
- Dew point temperature adjustable

### IMR600

High quality flue gas conditioning guarantees high accurate measuring results. Condensation of the flue gas sample must be avoided in the pathway from the gas extraction point to the flue gas analyzer. None of the target substances are supposed to be lost due to condensation. The gas conditioning system protects the analyser against humidity and dust particles. Another positive aspect is that the duration of the total measuring time can be extended to several hours. The IMR600 is designed to be used in combination with the flue gas analyzers IMR2000 and IMR3000. **Gentics** quality and TUEV approved

components stand for long lifetime and low maintenance cost. The IMR600 can also be combined with all other emission measuring units irrespective of the manufacturer.



## TECHNICAL DATA

TECHNICAL DATA	
Weight	10 kg
Dimensions	410 x 360 x 210 mm (W x H x D)
Cooler	Peltier controlled heat exchanger
Outlet dew point	+5 °C Alarm at $\pm 3$ °C
Inlet dew point	40 °C to max. 65 °C (depends on flow rate)
Cooling capacity	100 kJ/h
Flow volume	50 ... 150 l/h or 50 ... 250 l/h
Ambient condition	+5 °C to +50 °C
Power consumption	max. 120 W
Power supply	230V 50/60 Hz
Warm-up time	within 5 minutes

## OPTIONS AND ACCESSORIES

- Heated gas sampling line with temperature regulation
- Heated gas sampling probe
- Heated particle filters

