

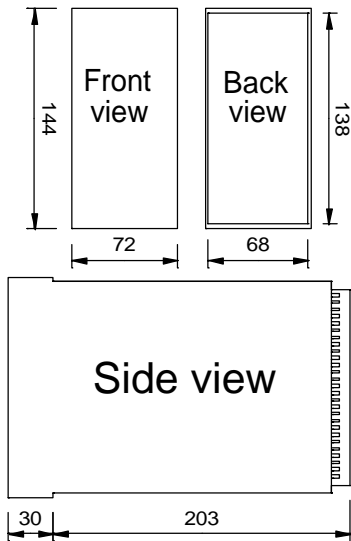
VISCOSITY PROCESSOR : 8001

Associated to sensors: MIVI or CIVI

Instant and permanent viscosity and temperature measurement

Easy-to-handle signal converter can be programmed either by the front panel either by software (via serial communication).

The programmed parameters can be saved on a **smart card** and loaded again at any moment.



PRESENTATION

The 8001 electronic cabinet allows the vibration of the MIVI or CIVI viscometers and processes the amplitude variations in order to deliver a linear viscosity response. This unit has a digital display, 4 software alarms as well as analogue and digital outputs.

OPERATING CONDITIONS

Process temperature: Sensor's limits
Working temperature 0 to 50 °C.

Watertightness IP 20 (IP 65 on front panel)
OPTION :Mounting in a watertight box (IP 66)



INPUTS

- Viscosity (MIVI or CIVI sensor);
- Temperature (Pt 100);

DISPLAY

- 1 red display (4 digits) : viscosity, temperature (permanent or fugitive);
- 1 green display (6 digits) : units of measurement;
- State indication : 5 LEDs (4 for alarms and 1 for digital link);
- Bargraph : 0 to 100% of the defined range.

POWER SUPPLY

- Standard power supply : 80..265 Vac – 100..380 Vdc;
- Option power supply : 21..80 Vac-dc;

SOFTWARE WISC80 (optional)

OUTPUTS Independent and insulated

Standard outputs :

- 0/4..20 mA, $\pm 0.1\%$, $Z_{max} = 750 \Omega$, 12 bits resolution, adjustment of the output's range;
- 2-relays output : Power cut-out : 1 A, 250 Vac or 30 Vdc;
- RS 485/422 output : Protocol MODBUS, SLAVE, RTU, 300 to 19200 bauds, 2 or 4 wires.
- Watchdog : relay (power cut-out: 1 A, 250 Vac or 30Vdc).

Option outputs (3 slots) :

- 0/4..20 mA
- 0-5 V, 1-5 V, 0-10 V, 2-10 V
- relay (1-relay, 2-relay, 2-relay S);
- RS 232.
- Optional sensor power supply: 24 Vdc, 100 mA



ISO 9002 (1994)



SOFRASER
+33 (0)2 38 85 77 12

Z. I. 15, rue Pierre Nobel
45700 VILLEMAMDEUR (FRANCE)
Fax +33 (0)2 38 85 99 65

Web
E-mail

www.sofraser.com
info@sofraser.com