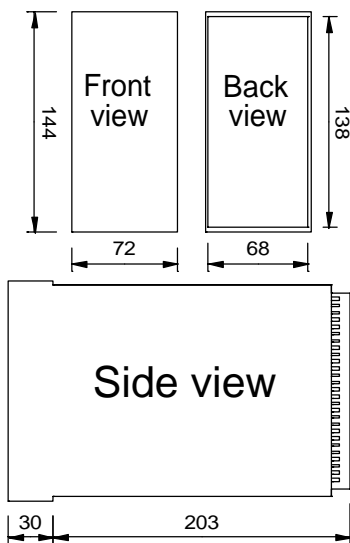


Instant and permanent viscosity measurement with temperature compensation

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

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



PRESENTATION

The 8002 electronic cabinet allows the vibration of the MIVI or CIVI viscometers and processes the amplitude variations in order to deliver a linear viscosity response, a calculated viscosity at a reference temperature. This unit has a digital display, 6 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);
- 3 optional measurements (density, pressure...)

DISPLAY

- 1 red display (4 digits) : viscosity, temperature (permanent or fugitive);
- 1 green display (6 digits) : units of measurement; referenced temperature adjustment;
- 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 :

- Two 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 30 Vdc).

Option outputs (2 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)



Quality System