instruments

# Viscosity processor 9601

Associated to MIVI sensor


## Instantaneous and continuous viscosity and temperature measure

The solution for real time control of your process.
Graphic screen with 24 keys keyboard and user friendly menus for intuitive utilization.
Display modes suited to all needs.

## PRESENTATION

- 9601 electronic cabinet allows vibration of MIVI viscometer and processes amplitude variations in order to deliver a linear viscosity response.
- Viscosity at reference temperature calculation with 6 segments linearization table.
- Selection of display units (mPa.s, cP, P, Pa.s - °C, °F).
- Display of cSt kinematic viscosity with constant or densimeter (optional).
- Creation of user units possibility.
- 5 products correlations with quadratic equations.
- Maximum process temperatures : sensor limits

Quality System AFAQ ISO 9001 VERSION 2000

## GENERAL TECHNICAL FEATURES

| | |
|---|---|
| Screen | STN LCD, 128 x 64 pixels |
| Utilisation | keyboard, 24 keys |
| Display | Instantaneous values, bargraph, curves<br>Alarms, relays and outputs status |
| Inputs | viscosity (MIVI sensor), temperature (Pt100), density (4-20mA – optional densimeter) |
| Analogue outputs | Four 4-20mA outputs, viscosity, temperature, viscosity at reference temperature, density<br>Independant and isolated, +/- 0.1%, Zmin voltage = 1kΩ, Zmax current = 500Ω, resolution 12 bits<br>0-10V outputs (optional) |
| Relays | 14 (in two sets), low and high alarms, NO/NC, failure NO<br>Power cut-off 3A, 8A max per commun, 250VAC or 30VDC |
| Interface | Two RS232 (RJ-11), Modbus, Canbus protocol<br>One RS485 (RJ-11), 2 wires, 1200m max. (optional) |
| Power supply | 24VDC (20.4 to 28.8VDC) – 300mA – 7.2W |
| Housing | Panel housing – Front panel dimensions :184 mm (width) x 155 mm (height)<br>Total depth : 113,2 mm<br>Material : ABS<br>Protection degree : IP65 front panel, IP20<br>Weight : 0,515 kg<br>Cut-out dimensions : 141mm (width) x 126 mm (height) – Mounting panel thickness : 5 mm max. |
| Sécurity | Configuration and parameters secured by customized password<br>Battery parameters backup (7 years) |

Configuration, setting and data logging software : WISC 90 (optional)

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