

G32

Viscosity and pH Control System



VIS-G32

The **VIS-G32** is a microprocessor controller for the regulation of the viscosity of adhesive, varnish and lacquer. The viscosity measurement is possible through a vibration sensor, immersed in the analyzed liquid and without moving parts, that emits a frequency which, in contact with the liquid, changed.

From the analysis of it, the controller processes the viscosity in seconds (cup ZHAN, FORD) and, through the management of the solvent valve, keeps the value according to the reference.

The cleaning of the viscometer is made on job, while washing the adhesive circuit.

APPLICATIONS

Rotogravure and Flexographic presses and lamination.

Water and Solvent base Adhesive, cold seal, glow, varnish and special inks.

CONSOLE AND COMMAND PANEL

HMI touchscreen 4,3" - 9,7" display.

Visualization of all colors controlled on the same screen.

Visualization of viscosity by a graphic bar.

Choice of the cup reference, setting of the viscosity reference.

Possibility to save up to 50 different works.

Error signalization (no liquid or viscosity over tolerance).

CONTROL G32

Rack system cabled by connectors.

Installed in a cabinet.

Serial communication between HMI and control.

DETECTOR G32

G32-RIV to install in a danger zone near the liquid tank.

Correction through pneumatic valve.

Feeding by rotary or alternative pumps.

Viscosity is measured with 1% accuracy.

OPTION

Control pH G80 by a probe dedicated

Magnetic filter G70 filter.

Control of temperature by G90 heat exchanger.

MAINTENANCE AND CLEANING

At the end of the job, the cleaning of detector is made together with the liquid system, without mechanical moving components and usury.

