# VISCOLOR
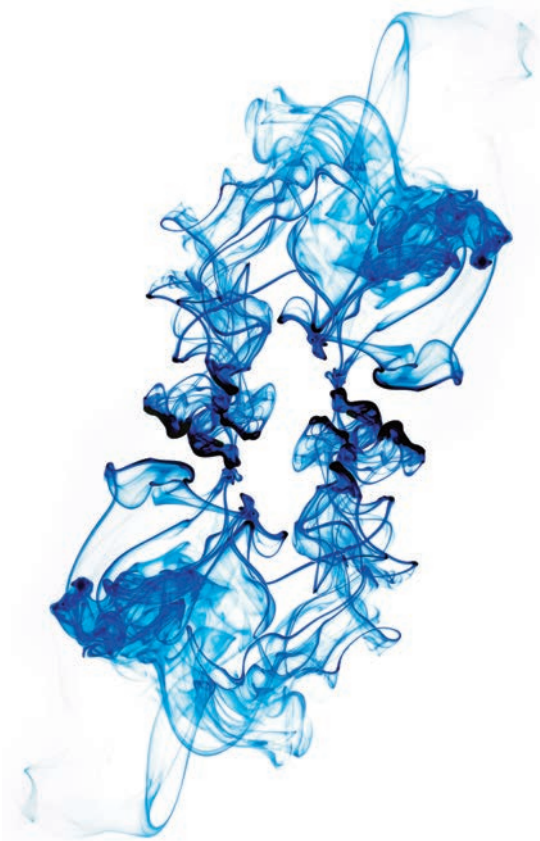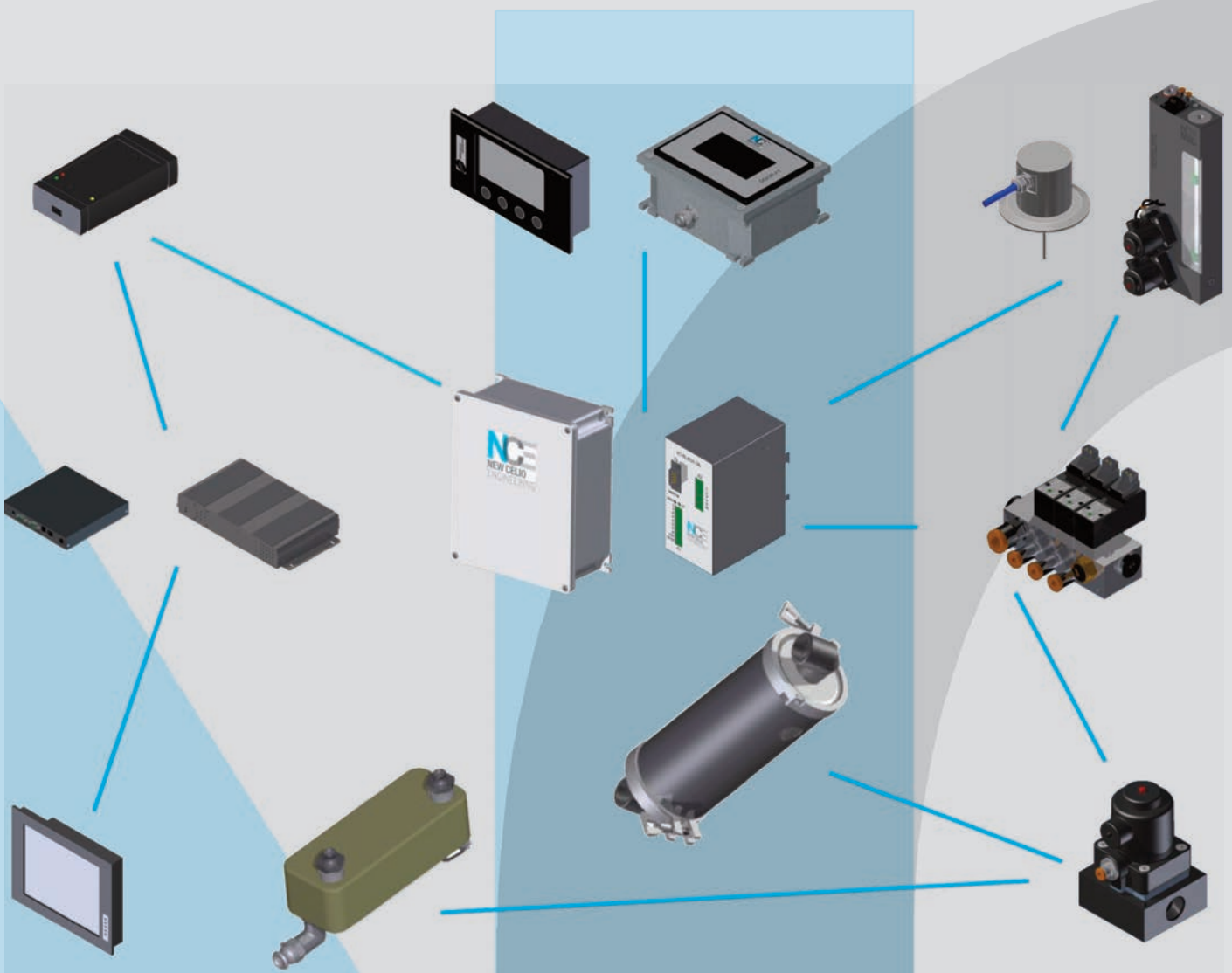## Viscosity Control System

**SYSTEMS**

✓ Modular and expandable

✓ Viscosity and temperature control

✓ High performance software

✓ User-friendly

✓ Individual and/or centralized

✓ Temperature compensation

🇨🇭 **SWISS MADE**

## DESCRIPTION

VISCOLOR is a viscosity measuring and regulating system designed for the printing industry. Its flexibility permits the use in different printing processes concerning liquid viscosity measurement, as publication on gravure presses, packaging with solvent and water based inks on flexo and roto presses and newspapers on flexo presses.

New Celio offers several measuring principles: find with us the right solution for your needs.

Measures are mapped to the customer's cup viscometer, therefore delivering a comprehensible and simple reference value. The regulation of viscosity is obtained by adding the liquid for dilution whenever necessary.

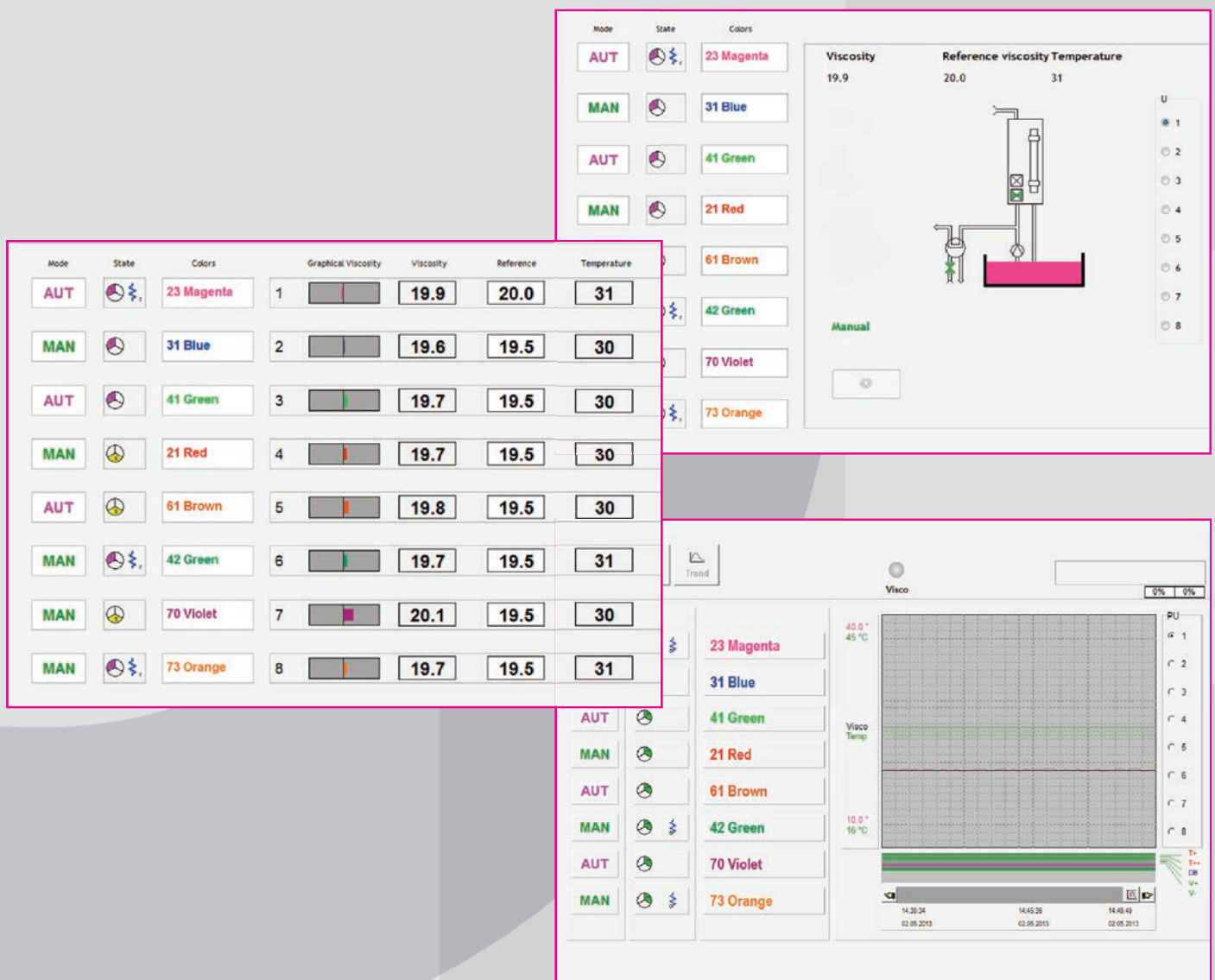VISCOLOR is a modular system and can be upgraded at any time.

An extremely friendly interface displays all the data to be kept under control during the printing process.

VISCOLOR integrates a temperature measurement in order to compensate the viscosity. Temperature control is possible through COOLCOLOR system.

VISCOLOR is expandable to other functions, like pH control (PHCOLOR system) or blending of multiple solvents (SOLCOLOR system).
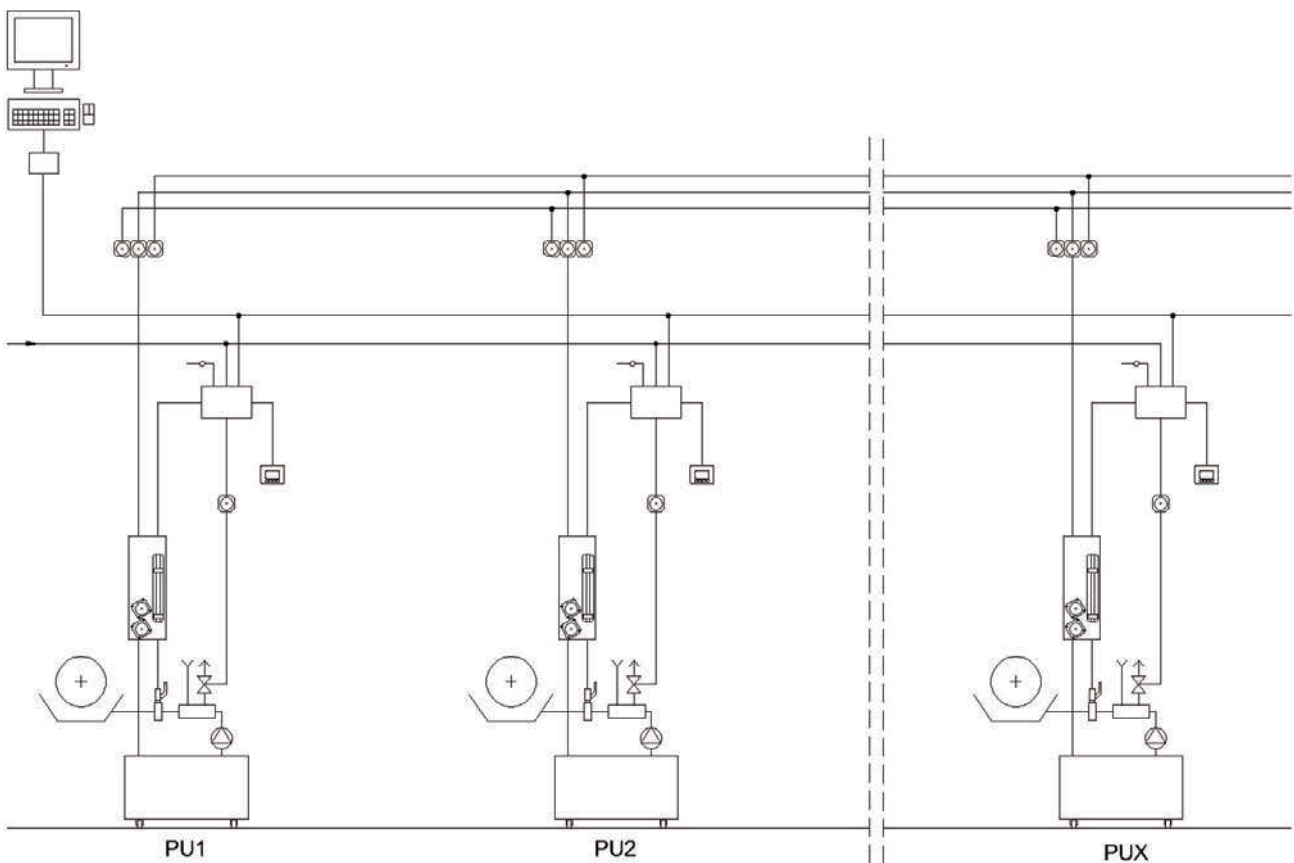
## CHARACTERISTICS

✓ Individual and/or centralized operation
✓ Touch screen monitor
✓ User-friendly interface
✓ Automatic calibration of viscosity and temperature
✓ Easy installation
✓ Self cleaning
✓ Interface to control the press
✓ Remote connection
✓ Integrated stopwatch function
✓ Diagnostic display
✓ Job memorization
✓ Inks library
✓ Alarm release and display
✓ Trend display
✓ High efficiency ink temperature control
✓ Ink tank level control
✓ Multiple solvent distribution for each PU

**NEW CELIO ENGINEERING**

| Mode | State | Colors | | Graphical Viscosity | Viscosity | Reference | Temperature |
|------|-------|--------|---|---------------------|-----------|-----------|-------------|
| AUT | | 23 Magenta | 1 | | 19.9 | 20.0 | 31 |
| MAN | | 31 Blue | 2 | | 19.6 | 19.5 | 30 |
| AUT | | 41 Green | 3 | | 19.7 | 19.5 | 30 |
| MAN | | 21 Red | 4 | | 19.7 | 19.5 | 30 |
| AUT | | 61 Brown | 5 | | 19.8 | 19.5 | 30 |
| MAN | | 42 Green | 6 | | 19.7 | 19.5 | 31 |
| MAN | | 70 Violet | 7 | | 20.1 | 19.5 | 30 |
| MAN | | 73 Orange | 8 | | 19.7 | 19.5 | 31 |

## APPLICATIONS

✔ Gravure
✔ Flexo
✔ Corrugated
✔ Narrow web
✔ Coating / Adhesive
✔ Solvent based ink
✔ Water based ink
✔ Varnish
✔ Two-component lacquer
✔ Oil
✔ Chemical

## GENERAL CONCEPT



PU1          PU2          PUX

## NEW CELIO ENGINEERING SA

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