

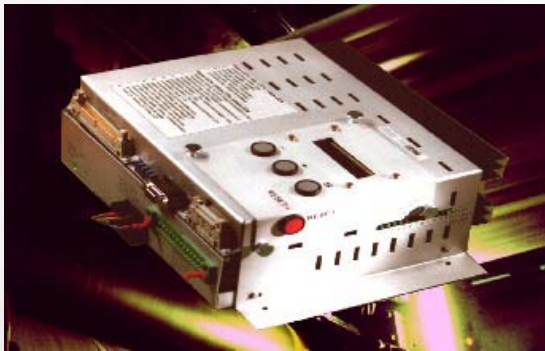
ALCOPRINT 4000



Modular system for precise
measurement and control
of alcohol concentration
in offset printing

Innovation in the third generation

ALCOPRINT 2000



ALCOPRINT 3000



ALCOPRINT 4000

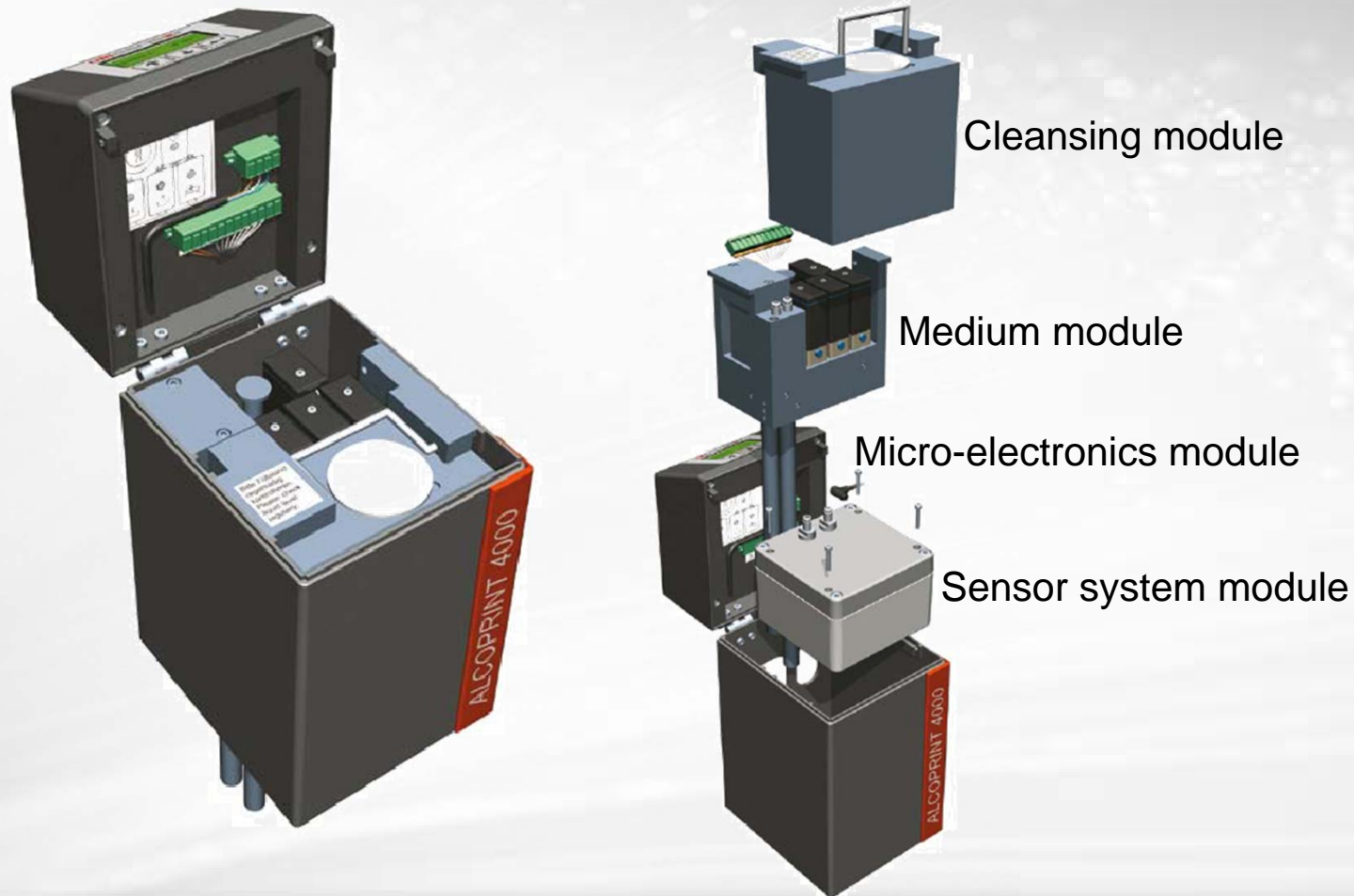


1997

2002

2007

Modules can be changed by „**plug and play**“



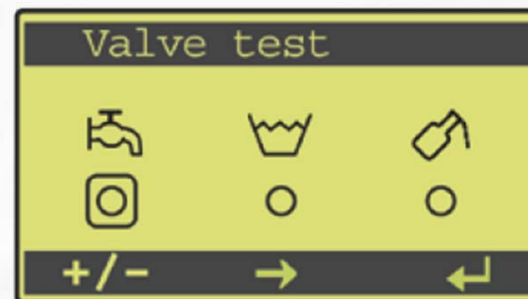
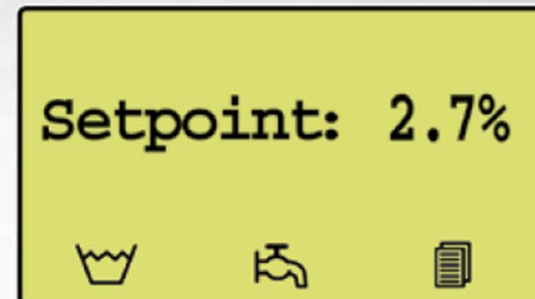
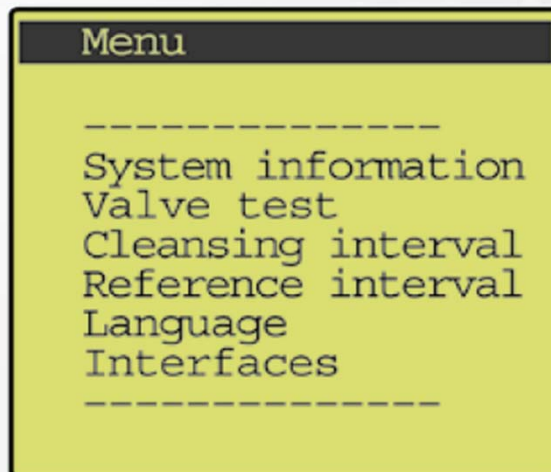


ALCOPRINT 4000 is suited for all printing machines and dampening solution systems.

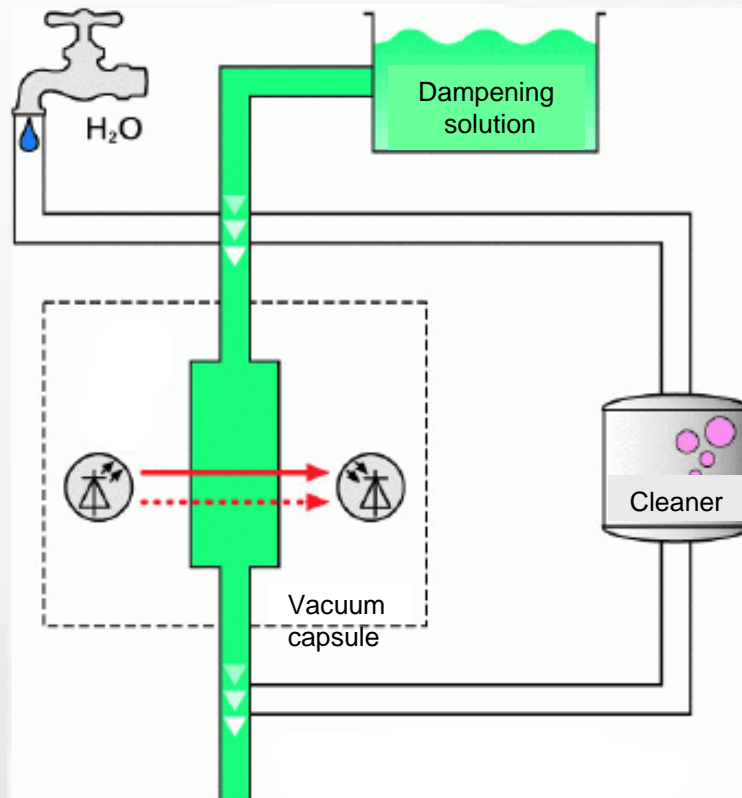
The dampening solution system is easily connected by linking up with the respective interface without special configuration of the ALCOPRINT 4000 system

The user can install or retrofit the system without further assistance by a service technician.

All it takes is to connect a single electric plug to the customer interface used to transmit the measured values to the printing machine, and three quick couplings to the dampening solution, alcohol, and industrial water circuits, respectively.



ALCOPRINT = selective measurement through IR absorption

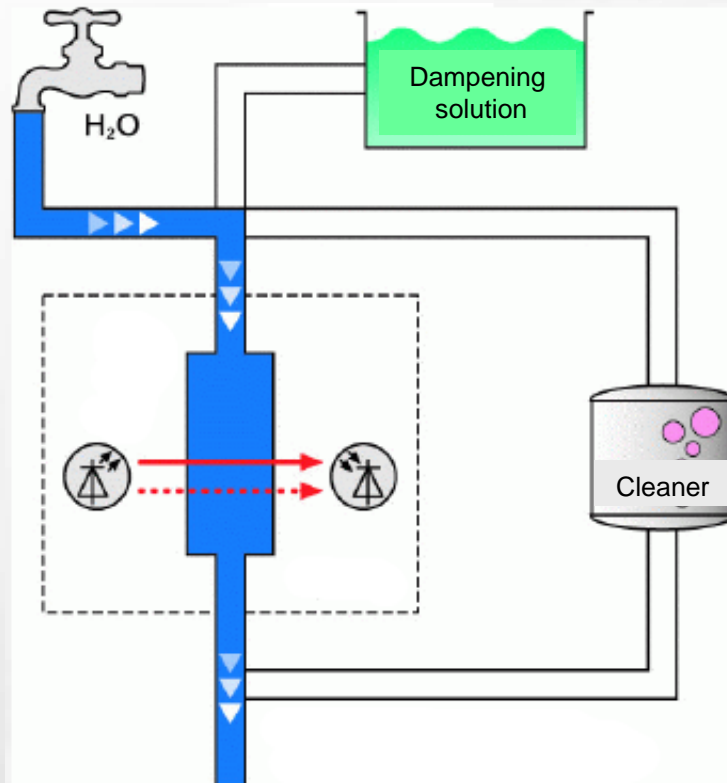


ALCOPRINT selectively measures the level of isopropyl alcohol. Measured values are therefore not influenced by other components of the dampening solution.

ALCOPRINT = measurement directly in the medium

ALCOPRINT allows precise IPA measurement even at very low concentration levels

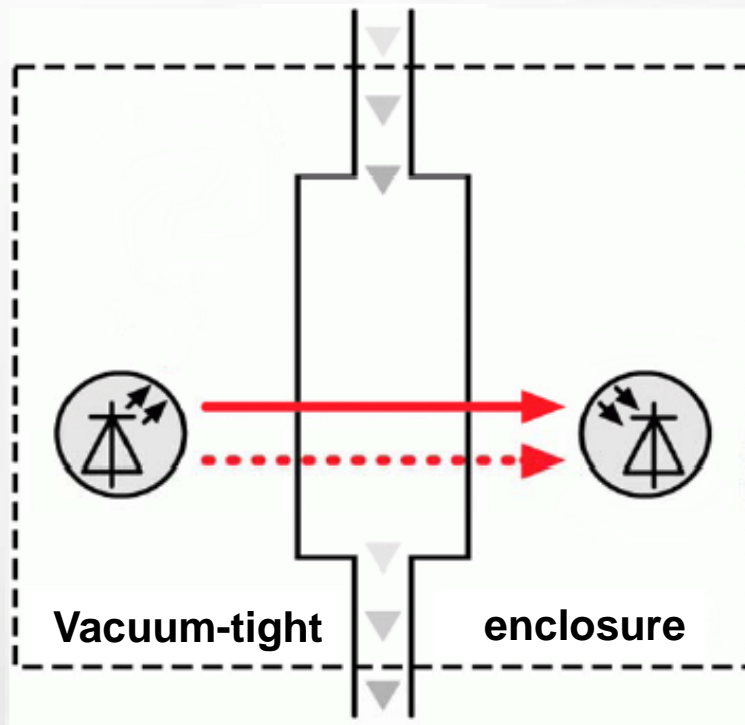
ALCOPRINT = automatic zero-point synchronization



ALCOPRINT = automatic zero-point synchronization by periodic rinsing of the measuring chamber with IPA-free industrial water.

- ➔ Reliable zero-point throughout the entire service life of the device.
- ➔ Precise IPA measurement and control even at very low concentration levels.

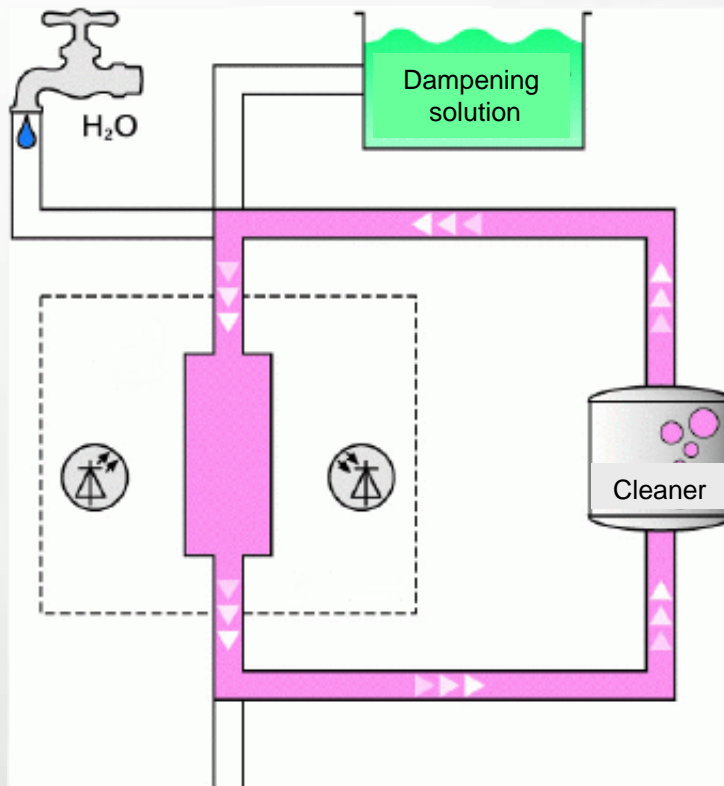
ALCOPRINT = vacuum-tight enclosure of the sensor system



This eliminates the risk of optical and sensor component contaminations and any measuring errors they may cause.

- ➔ No system drifts, no need for cleaning actions
- ➔ Precise IPA measurement throughout the entire service life.

ALCOPRINT = automatic cleansing of the measuring chamber



If required, a cleansing cycle is initiated automatically using a detergent in a closed circuit

Alcohol Reduction with ALCOPRINT 3000

Before the installation of ALCOPRINT the real IPA concentration varied between **11 Vol.%** and **19 Vol.%** although the densimeter set value had always been **6 Vol.%**.

