

IPA Measuring Device

IPA CONTROL II



The alcohol concentration of the damping solution can fast and easily be checked with the hand-held IPA measuring device. Samples of the damping solution can be taken at any accessible point of the damping cycle.

**Polygraphische innovative
Technik Leipzig**





IPA Measuring Device

IPA CONTROL II

Working principle

A special gas sensor determines the alcohol concentration in the extracted gas. The alcohol concentration of the taken sample is calculated from this value and indicated.

According to this measurement principle a distortion of the measurement due to pollution of the damping solution can be ruled out.

The device can be operated with a power supply unit or with batteries.



Together with SID Leipzig (Sächsisches Institut für die Druckindustrie GmbH) PITSID develops measuring and testing devices for the graphic arts industry. Our current range of products comprises instruments for the measurement and checking of contact pressure, register, UV-curing, nip, alcohol concentration IPA, packing height, plate punching, roller adjustment and stability of bookblock.

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Technical data

Measuring range

from 0 to 15 % IPA volume concentration

Temperature of the damping solution

+8° C to +25° C

Indication

three-figure indication

Resolution

0.1 % vol. IPA

Measuring uncertainty

< ± 1 % vol. IPA

Measuring time

60 s

Display size

48 x 20 mm

Voltage supply

Battery operation: 6 x 1.5 V, Mignon type (AA)

Mains operation: plug-in power supply unit (9 VDC, 6 VA)

Dimensions

265 x 105/85 x 70/40 mm

Weight

app. 650 g

app. 1.6 kg with case and accessories

Operating temperature

10° C to +25° C

Automatic switching off

10 min. after operation without input

Scope of delivery

Measuring device, incl. batteries, graduated jug and syringe, carrying case, operating manual