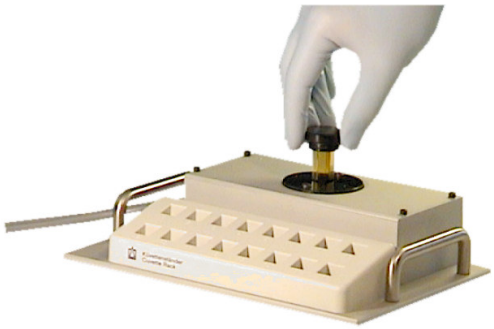
Medlight S.A. Switzerland

Wet-Solvent Analyzer



Ideal for monitoring water concentration in solvents

The wet-solvent analyzer has been developed specifically for semiconductor manufacturers to improve the control of wet process. It provides a real time read-out of water concentration.

User-friendly instrument

The analyzer does not require trained people. The sample solution is poured in a disposable cuvette and the water concentration is immediately displayed. Electronics and probe can be placed in a suitcase making measurement from site to site easier.

High accuracy in a large range of water concentration

The accuracy of the wet-solvent analyzer is better than 0.5 % in a large range of water concentration. It is comparable with the accuracy obtained by a Karl-Fisher titration.

SPECIFICATIONS

	Wet-Solvent Analyzer
Measuring technique	Colorimetry (patent pending)
Applications	Water content in several types of solvents used in semiconductor industry: photoresist strippers, post-etch residue removers, etc. Please contact us for details
Range	On request (as a function of solvent's type)
Accuracy	H_2O concentration: 0.5 %
Cuvette	Plastic cuvette, 3 ml, disposable for standard colorimetry
Screen	Graphic LCD 240 x 64 dots, 132 x 38 mm, LED backlight
Electrical Requirement	100..240 V AC, +10%/-15% 47..63Hz, 20VA, Fuse: T2AL250V
Weight	Monitor: 2.5 kg (5.5 lbs) O*ff-line* probe: 1.7 kg (3.7 lbs)
Dimensions	Monitor: 235(w) x 110(h) x 290(d) mm (9.3 x 4.3 x 11.4 in) O*ff-line* probe: 260(w) x 65(h) x 180(d) mm (10.2 x 2.6 x 7.1 in)
Cable length	O*ff-line* probe: 0.8 m (31 in)
Operating temperature	10 to 45°C (50 to 113 °F) (temperature of the monitor and the probes) (Attention: the temperature of the solvent can be higher)
Input	3 channels (for *off-line* or *on-line* probes)
Output	RS232 isolated. 3 analog outputs 4-20 mA DC isolated, maximal load: 500 ohm 3 alarm relays (activation on request)

Features and specifications subject to change without notice.

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CLASS 1 LASER PRODUCT