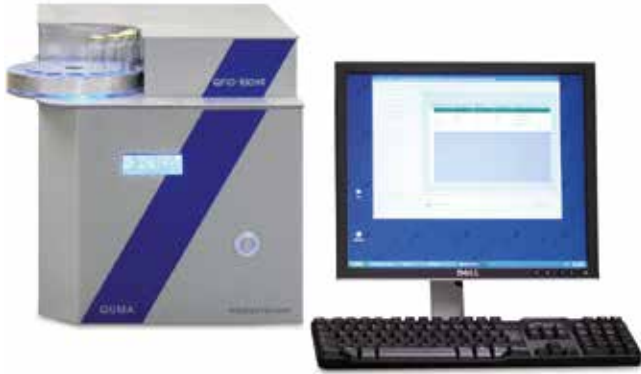




## ANALYTIC INSTRUMENT QFID-100HR

Order No.: C01-0147



The QFID-100HR measures automatically samples of all kinds. He includes both, a headspace- sampler and a gas chromatograph. Fast, reliable and with a very high precision the headspace-samples will be analyzed. The instrument can separate 18 most important solvents (the analyses of different solvents is possible). A complete analyse of a 20ml HSS-vial needs approx. 8 minutes. The result will be printed out in mg/m<sup>2</sup>, for example. The instrument is easy to handle because of the auto sampler. The operation does not make it necessary anymore to have qualified personnel.

### The analyse consists of 3 steps:

1. Cut out a defined quantity of the sample (e.g. 50 cm<sup>2</sup>), give it into the HSS vial of 20 ml and lock it
2. Put it into the heating block
3. Announce the sample at the PC --- Ready!

### System description:

The QFID-100HR integrates a headspace-sampler and an EPC gas chromatograph. The headspace-sampler works automatically in the system, which aims at a high reproducibility. This system is precise pressure controlled. The EPC gas chromatograph increases the carrier gas pressure dependent of the retention time. A special chromatographic column separates all solvents in a special analyse-oven. The oven can be controlled heated between room temperature and 200 °C. Only by controlling pressure and temperature a stabile retention time is possible. The sample, which is separated into the different solvents, gets after the oven to the Flame Ionisation Detector (FID). The FID amplifier sends analogue signals to the PC, where you can see the result.

## PRESSURE MEASURING UNIT N-5000

Order No.: C01-0230



With N-5000 pressure measuring unit the impression pressure on polishing machines in the electroplating department as well as the doctor blade pressure on proof printing presses and production run can be measured quickly and precisely. These measuring results are important factors to achieve constant production conditions for cylinder production and for printing presses.

## BAR CODE MEASURING DEVICE REA PC-SCAN

Order No.: C01-9004



The REA PC-Scan combines a motor-controlled precision measuring unit with a red-light semiconductor laser. The reflection values determined by the REA PC-Scan as well as the widths of the bars and gaps in a bar code are transmitted to a PC, laptop or notebook via the serial interface.

The evaluation software of the REA PC-Scan works under Windows and takes over the recognition of the individual barcode types as well as the checking of the agreement of the measured values with the specifications and standards valid for each code type.