

LaboTRACE* and *LaboTRACE 30 **Laboratory analysis for bioprocess control**

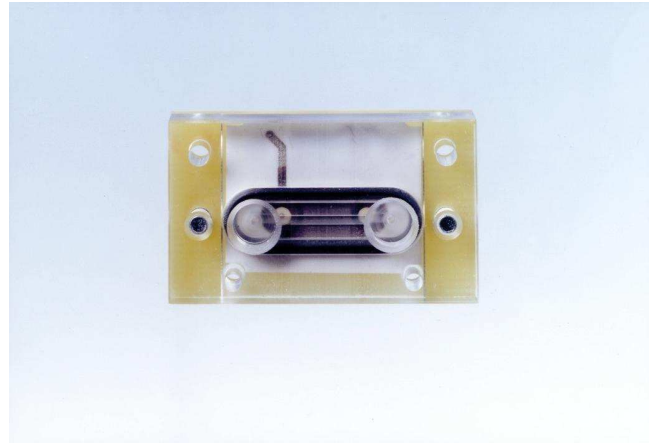
- Dual channel glucose and lactate
- Analysis system for up to 30 samples
- Low investment and running costs
- Innovative biosensors
- Small sampling volume (10-20 μL)
- Fast and accurate measurement

Laboratory analysis for routine tasks

The analysis of nutrient and metabolite concentrations is essential for bioprocesses. In many laboratories off line analysis is part of the daily routine and helps to control cell cultivations or fermentations.

TRACE *Analytics GmbH*, producer of the on-line analysis systems *ProcessTRACE* and *ProcessMonitor*, offers a new system for routine laboratory analysis:

LaboTRACE, the automatic analyzer for the simultaneous determination of glucose and lactate in cell cultivations and fermentations.



LaboTRACE Flowcell with 2-channel biosensor for measurement of glucose and lactate.



LaboTRACE 30: Laboratory Analysis for up to 30 Samples

Fast and easy off-line analysis

LaboTRACE is the perfect solution for the daily work in the lab. The well proved biosensor technology guarantees fast and accurate results in less than one minute.

The replaceable containers for the washing solution and waste are located inside the device.

The handling is as easy as possible: Just take a sample out of the bioreactor, remove cells if necessary, put an aliquot into a small test tube and insert it into *LaboTRACE*. After pressing the button "menue" the measurement starts! Calibrations, measurements and cleaning cycles will be done automatically.

LaboTRACE is offered in two versions:

- **LaboTRACE** for the fast routine analysis for a small number of samples and
- **LaboTRACE 30**, with an extra large sample rotor for up to 30 samples.

Data Sheet *LaboTRACE* and *LaboTRACE 30*

Parameter:	Glucose and Lactate simultaneously
Detection time:	45 sec
Number of Samples:	Up to 30 (<i>LaboTRACE 30</i>)
Sampling Volume:	10-20µl, diluted to 0.5-1 ml
Measuring Range:	0.09 g/L – 9,0 g/L (Glucose) 0.045 g/L – 2,70 g/L (Lactate)
Dimensions:	30w x 23h x 30d cm / 12' x 9' x 12'
Weight:approx.	7 kg resp. 15 lbs
Printer:	RS-232, Centronics
PC-Interface:	V24
Power Supply:	12 VDC

