

LM3000

最新：德国迈格实验室多参数监测系统用于分析测量

New: Meinsberg benchtop meter for analytical measurements



完整的系统用于多任务：测量、控制和调节

多参数实验室测量系统LM3000 是一个完整的多任务解决方案，用于实验室和技术中心的测量、控制和调节。最多配置4个测量模块，能够配置测量 pH-值，ORP氧化还原电位，离子 ISE，电导率，溶解氧，余氯，温度和其他参数。这是一种基于模块化结构的系统，设备组件通过总线进行通讯。

The complete system for the tasks of measurement, control and regulation

The multiparameter laboratory measuring instrument LM3000 is the complete solution for the tasks of measurement, control and regulation in the laboratory and technical center. Up to 4 internal measurement modules can determine any combination of pH, redox potential, ISE, conductivity, dissolved oxygen, chlorine, temperature and other parameters. This is based on a modular system structure that links the device components via a bus connection.

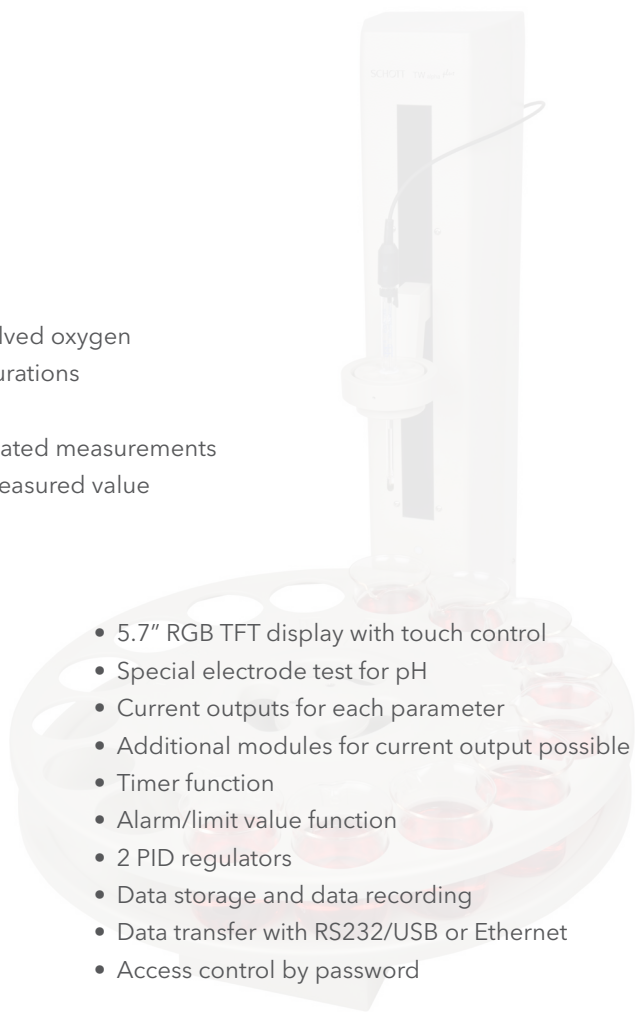
LM3000技术特点

- 可测量pH/ISE/mV, 电导率, 余氯和溶解氧。
- 多至4个测量模块(输入)可多种配置。
- PC-软件扩展了操作功能。
- 配合自动取样器和滴定泵用于输送液体和自动测量。
- 每一通道从测量值计算不同的参数。
- 自行改变数据存储本。
- 清晰的文件菜单。

- Measurement of pH/ISE/mV, conductivity, chlorine and dissolved oxygen
- Up to 4 measurement modules (inputs) in a variety of configurations
- PC software with extensive operating functions
- Coupling of autosampler and burettes for dosing and automated measurements
- Virtual channels to calculate different parameters from the measured value
- Logbook, i. e., documentation of setting changes
- Plain text menu

- 5,7" RGB TFT 触摸屏。
- 特别的电机测试为 pH。
- 电流输出为每一参数。
- 具备增加电流输出模块的可能性。
- 定时功能。
- 报警/限值功能。
- 2 PID调节器。
- 数据存储和数据记录回放。
- 通过RS232/USB 或者以太网进行数据传输。
- 密码控制。

- 5.7" RGB TFT display with touch control
- Special electrode test for pH
- Current outputs for each parameter
- Additional modules for current output possible
- Timer function
- Alarm/limit value function
- 2 PID regulators
- Data storage and data recording
- Data transfer with RS232/USB or Ethernet
- Access control by password



测量模块

Measuring Modules

MVM3210LM	pH-值 -2...16, 温度 -10...130 °C ORP值 ±2000 mV, 温度 -10...130 °C 离子 ISE ±2000 mV	pH value -2...16, temperature -10...130 °C Redox(ORP) ±2000 mV, temperature -10...130 °C ISE ±2000 mV
MVM3220LM	电导率模块: 两电极电导率测量 0...100 mS/cm 自动范围调整, 温度 0...80 °C	Conductivity for Two-Electrode-Cells 0...100 mS/cm Auto Range, temperature 0...80 °C
MVM3225LM	电导率模块: 四电极电导率测量 0...500 mS/cm 自动范围调整, 温度 -10...130 °C	Conductivity for Four-Electrode-Cells 0...500 mS/cm Auto Range, temperature -10...130 °C
MVM3230LM	氧浓度模块, (包括溶解氧) 0...20 mg/l, 0...200 % 饱和度, 温度 0...80 °C	Oxygen 0...20 mg/l, 0...200 % saturation, temperature 0...80 °C
MVM3260LM	氯模块, 0...2/10 mg/l 为余氯, 二氧化氯和臭氧电极。带4...20 mA 输出。	Chlorine 0...2/10 mg/l for chlorine-, chlorine dioxide- and ozone-measuring cells with 4...20 mA output
MVM3270LM	流量模块, 连接频率输出的流量传感器。	Flow for flow sensor with frequency output
MVM3260ALM	„线性模块“, 连接电压输出的传感器 0...5 V DC, 温度 -10...130 °C	„linear characteristic“ for Sensors with voltage output, 0...5 V DC, temperature -10...130 °C
MVM3260BLM	„线性模块“, 为主动电流输出的传感器, 0(4)...20 mA, 温度 -10...130 °C	„linear characteristic“ for Sensors with active current output, 0(4)...20 mA, temperature -10...130 °C
MVM3260CLM	„线性模块“, 为被动电流输出的传感器, 0(4)...20 mA, 温度 -10...130 °C	„linear characteristic“ for Sensors with passive current output, 0(4)...20 mA, temperature -10...130 °C