



4-channel dispenser „Microlab-Quattro“

Principle

The 4-channel dispenser „Microlab Quattro“ is for simultaneous, precise metering of liquids in up to 4 channels. The syringe-driver allows to mount 1 up to 4 syringes. Base of the instrument is the renowned Microlab 500-series of Hamilton. Parts, which are wetted from liquids, are made of Teflon, Kel-F and glass. The Microlab Quattro is especially designed for sample-preparation in combination of 48- or 96-well-plate applications.

Features

The instrument is controlled and monitored by a manual-controller or by a software via RS-232-port of a PC. The memory of the controller can store up to 21 different metering-methods. A download method can be stored directly into the driver-unit, which allows to operate it without a controller or PC (except for method programming). A hand- or foot-switch is connected at the side of the case and triggers single steps or the complete run.

As option a Windows-software enables simple, visually programming of methods for metering or dilution.

Technical specifications

Delivery contents	4x-syringer driver including manual controller, solenoid valves, syringes, user manual, power supply and power cord
Pressure range	0 ... 6 bar (0 ... 100 psi)
Accuracy	better than 1%
Reproducibility	better than 1%
Operation modes	manual controller RS232-port connector for hand-/foot switch
Syringes	TLL-syringes with volumens from 25µl up to 25ml
Power supply	230 V / AC 50 Hz or 110 V / AC 60 Hz
Dimensions	W 170 x H 350 x D 230 mm
Weight	5 kg
Options	Windows-Software „Microlab-Script“ connection cable for PC
P/N	HML510220-4X (220V) HML510110-4X (110V)

By mail or by fax to +49 6205 9450-33

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DURATEC
Analysentechnik GmbH

Rheinauer Str. 4 · D-68766 Hockenheim
Tel. +49 6205 94 50-0
Fax +49 6205 94 50-33
info@duratec.de
www.duratec.com

DURATEC
ANALYSENTECHNIK GMBH

Rheinauer Strasse 4

D-68766 Hockenheim