



DuraMix

Principle

The DuraMix is mixing two liquids into one constant flow stream with the selected dilution ratio. Two high-precision syringe drives dispense simultaneously into a special designed mixing chamber. In result there is a constant flow, constant diluted output stream. A typical application in Photometry is to dilute samples and to transfer them into a flow-cell in one operating step.

Features

Both syringe drives are controlled by an μ Processor. Parameter input and start signal could be done via serial interface, by SPS or optionally by a touchscreen controller. All steps could be triggered manually or externally. Wetted parts are made of glass, teflon (PTFE) and KEL-F, which makes the device resistant against aggressive media.

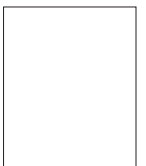
Technical specifications

Package contents	DuraMix w/valves, mixing chamber, tubings, RS232 cable, power cord, manual
Dilution ratio	1:1000 ... 1:1
Time for dosage	1 .. 99 s
Cycles	1 ... 999
Pressure range	0 ... 6 bar
Dead volume (mixing chamber)	ca. 80µl
Accuracy	< 1%
Precision	< 1%
Resolution	30.000 steps per stroke
Control	RS232-Interface I/O-Port for analogue- or TTL-signals
Syringe volume	12.5 µl ... 12.5 ml
Threads	UNF 1/4i-28
Materials flow path	Glass, Teflon, KEL-F
Materials valve & mixing chamber	Aluminium or Stainless Steel
Power supply	230 V / AC 50 Hz or 110 V / AC 60 Hz
Dimensions	W 220 x H 160 x D 345 mm
Weight	7.5 kg
P/N	DuraMix 900600 Touchscreen-Controller 900600-01

DURATEC
Analyse-technik GmbH

Rheinauer Str. 4 · D-68766 Hockenheim
Tel. +49-6205-9450-0
Fax +49-6205-9450-33
info@duratec.de
www.duratec.com

- Please send me an offer.
- Please call me:
.....
- Please make an appointment for demonstration.
-
- Company
- Name
- Department
- Address
- City and Zip-Code
- eMail



DURATEC
ANALYSENTECHNIK GMBH
Rheinauer Strasse 4

D-68766 Hockenheim
GERMANY