



## Durchflußregleinheit für Flüssigkeiten

TM-MCM 400

### Features

- Automated flow control for the test lab or benchtop
- Includes Flo-Sensor for precision flow measurement & automated needle valve for control
- NIST Calibration Certificate included



The Model TM-MCM-400 is a liquid flow controller designed for water and other non-corrosive fluids. It incorporates a stepper motor actuated needle valve, a precision liquid Flo-Sensor, and electronics that compare the output of the Flo-Sensor to the setpoint and move the needle accordingly. The Model 470 control unit is a user interface for the Model TM-MCM-400. It provides a digital display, adjustable setpoint potentiometer, and power supply for the Flo-Controller. Using optional cables (below), the user may also remotely send and receive 0-5VDC signals to the Model TM-MCM-400 through the Model TM-MCM-470. A set of jumpers on the Model TM-MCM-470 allow the user to select display settings and whether to use the internal or external setpoint. Valve unit, control unit, and power adapter are included with package

### Specifications

Output signal	0 - 5 VDC	Temperature	0 - 50°C
Control signal	0 - 5 VDC	Sensitivity Temperature	± 0,2% / °C
Power supply	14 VDC, 0,7 A	Pressure range	6,7 bar
Repeatability	± 0,2 % F.S.	Dimensions	163x64x52 (L/B/H)
Linearity	± 2 % F.S.		

Model	Range	Connection
TM-MCM 400-3L .....	15 - 100 ml/min	1/8" Compression Fitting
TM-MCM 400-4L .....	20 - 200 ml/min	1/4" Compression Fitting
TM-MCM 400-5L .....	50 - 500 ml/min	1/4" Compression Fitting
TM-MCM 400-6L .....	100 - 1.000 ml/min	1/4" Compression Fitting
TM-MCM 400-7L .....	200 - 2.000 ml/min	1/4" Compression Fitting

All specifications are subject to change without notice



# TECHMARK

— Industriesteuerungen GmbH — <http://www.techmark.de> — e-mail: [info@techmark.de](mailto:info@techmark.de) —  
Kirschstrasse 20 • D-80999 München • Telefon (+49-89) 89.26.57-0 • Telefax (+49-89) 89.26.57-33