



neMESYS HEATING ACCESSORIES

DESCRIPTION

For the transport of (pre-)heated fluids, CETONI developed a heated syringe for the neMESYS Mid Pressure syringe to handle liquids with the well-known precise flow control together with the intuitive user interface.

The heating unit combines all requirements to heat the syringe and tubing material up to 200 °C in a small space and under homogeneous conditions.



FLOW PERFORMANCE

The utilization of the heated syringe is designed for our neMESYS mid pressure syringe pump and requires additionally a Qmix TC2 module for the temperature control.



Due to the high-power consumption during the heating process we offer the possibility to expand your existing application setup with a Base 600XT on demand. This complements the BASE 120 that provides the control for the Qmix TC2 and also drives the neMESYS syringe pumps.

PROCESS AUTOMATON VIA QMIXELEMENTS

The Windows-based operating software QmixELEMENTS, offers the full and comfortable access to all control parameters of your heating equipment as well as other CETONI products and allows easy automation.



ELECTRICAL DATA

Qmix TC2 Ports.....	2x Heater, 4x Temperature
.....	Sensor (PT 100)
Qmix TC2 Power	2x 160 W
Heated Tubing Power (per m)	max. 70 W
Heated Syringe Power	max. 65 W

ENVIRONMENT

Operating Temperature	5 – 45 °C
Storage Temperature	-40 – 75 °C
Operating Humidity	20 – 80 %, non-condensing
Storage Humidity	20 – 80 %, non-condensing

OPERATION

Operating Temperature Syringe.....	max. 200 °C
Operating Temperature Tubing	max. 200 °C

EQUIPMENT DATA

Syringe Volume.....	2.5 / 5 / 10 ml
Syringe Material.....	SST (other on request)
Heated Tubing Sleeve.....	1/16" - 1/8" OD

INTERFACES

Heated Syringe.....	G1/8
Heated Tubing.....	1/4"-28 UNF