# **CETONI**

# **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.







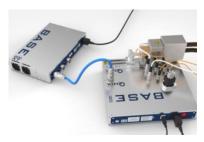






# **FLOW PERFORMANCE**

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 Ports2x He	ater, 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 Humidity20 -	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	1/8
Heated Tubing1/4"-28 U	JNF