



## BASE 120 / 600 / 600XT

### NEMESYS BASE / BASE 120

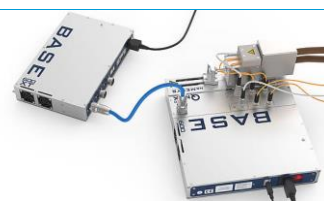
The CETONI BASE modules provide the basic interfaces (PC connection & power supply) to your microfluidic setup. With its 120 W of power, the BASE 120 is primarily to be used with our neMESYS syringe pumps units.

### BASE 600

For increased power demands, e.g., when a large number of syringe pumps or additional Qmix micro-reaction components are to be controlled, the BASE 600 unit provides the optimal performance.

### BASE 600XT

As user of BASE 120 you may like to expand your existing system with further neMESYS pumps or Qmix modules respectively want to add high-power extensions to your system, such as tempered syringes or reactors. The BASE 600XT will deliver an extra 600 W of power to realize your idea. The module may be used either in-line or at-line.



### NUMBER OF SUPPORTED MODULES (EXAMPLES)

	neMESYS Low Pressure	neMESYS Mid Pressure	neMESYS High Pressure	in-line QMIX, AXYS, etc.	at-line QMIX, TC2, custom devices
Base 120	8	5	2		
Base 600	41	25	12	Sum power ≤ 600 W	
Base 600XT				Sum power ≤ 600 W	3

### MECHANICAL DATA

#### BASE 120

Weight ..... 1.8 kg  
Dimensions (L x W x H) ..... 94 x 310 x 56 mm

#### BASE 600

Weight ..... 3.7 kg  
Dimensions (L x W x H) ..... 200 x 310 x 56 mm

#### BASE 600XT

Weight ..... 3.4 kg  
Dimensions (L x W x H) ..... 215 x 310 x 56 mm

### CONNECTION TO SUPPORTED MODULES

#### BASE 120, 600, 600XT (IN-LINE)

neMESYS Low / Mid / High Pressure ..... direct / IC cable  
Qmix, neMIX ..... direct / IC cable  
neMESYS UltraHigh Pressure, AXYS, peRISYS, etc. .... IC cable

#### BASE 600XT (AT-LINE)

Qmix TC2, Custom devices ..... XT power cable

### ENVIRONMENTAL CONDITIONS

Temperature (Operating / Storage) ..... 0 – 50 °C / -20 – 75 °C  
Humidity (Operating / Storage) ..... 20 – 80 %, non-condensing

### ELECTRICAL DATA

Power Supply Voltage (Input) ..... 90 – 254 V AC  
Power Supply Frequency ..... 47 – 63 Hz

### POWER OUTPUT

BASE 120 (Mixed DSub) ..... 120 W  
BASE 600 (Mixed DSub) ..... 600 W  
BASE 600XT (Mixed DSub / 3x XT Power) ..... 600 W

### INTERFACES

#### BASE 120 / 600

CAN out (Mixed DSub socket) ..... max. 1 Mbit/s  
USB (USB Type B socket) ..... 1.1 and 2.0

#### BASE 600XT

CAN in, CAN out (Mixed DSub plug, socket) .max. 1 Mbit/s  
XT Power (3x 5pin screw-lock socket) ... (power only)