

# NEMESYS<sup>®</sup> BASE UNIT

## High Precision Syringe Pump

### Features

The BASE-module delivers the power for up to 12 dosing units. It is the base for building up your individual dosing platform. Ready to connect to your PC via USB.



### Software Features

- Windows Software neMESYS UserInterface for configuration, visualisation and control
- IEC-1131 library for PLC BECKHOFF, CANopen interface, TwinCat V2.9
- Siemens S7-300 connection possible with Helmholtz 700-600-CAN01 interface, Step7
- IEC-1131 library for VIPA (214-2CM02), Step7
- Windows DLL for RS-232, USB and IXXAT CAN Interface VCI V2.14
- Windows DLL examples for MS Visual C++<sup>®</sup> MS Visual Basic<sup>®</sup> Borland C++<sup>®</sup> and Borland Delphi<sup>®</sup>
- Windows DLL + VI's for National Instruments LabView<sup>®</sup>
- neMESYS Windows 32-Bit DLL (High-Level Dosing API)
- neMESYS LabVIEW Integration Kit
- neMESYS RS232 Library

### Mechanical Data

Weight ..... 1,8 kg  
Dimensions (L x W x H) ..... 310 x 94 x 56 mm

### Electrical Data

Power Supply Voltage ..... 90 ~ 264VAC  
Power Supply Frequency ..... 47 ~ 63 Hz  
Power Output ..... 120 W  
Max. controllable dosing units:  
Low pressure units ..... 12  
Mid pressure units ..... 8  
High pressure units ..... 5

### Environment

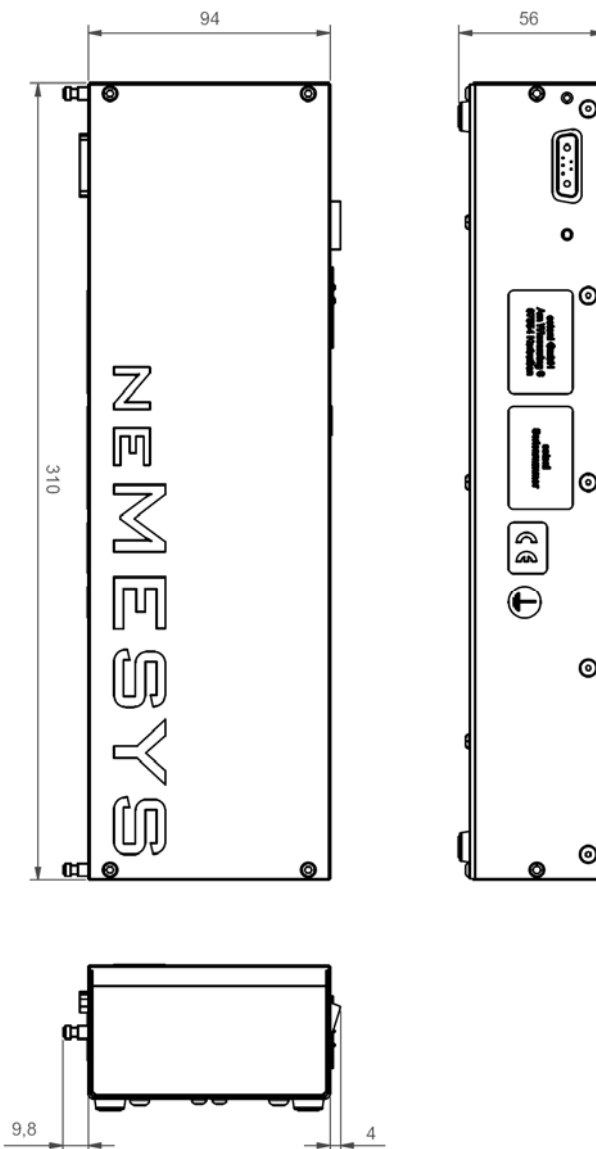
Operating Temperature ..... 0°C to 50°C  
Storage Temperature ..... -20°C to 75°C  
Operating Humidity ..... 20% to 80%, non-condens.  
Storage Humidity ..... 20% to 80%, non-condens.

### Interfaces

USB ..... 1.1 and 2.0  
CAN ..... max. 1 Mbit / s  
RS-232 ..... max. 115200 bit/s



### Mechanical Drawing



04.12.2009