



## V 100



## Controller V 100 – Multi-functional Adapted to every application

### Control unit for high precision micro dispensing valves P-Dot and P-Jet.

Through the controller V 100, the valve can be operated safe and conveniently. This includes the control of all the dispenser parameters as well as peripheral devices such as a heater. Well adapted for trials, process development, laboratory units and manual working stations; with this unit it is easy to find suitable parameters for an optimized dispensing result.

#### Process features

- Single shot operation
- Continuous shot operation at 0,1 to 150 Hz
- Actual value counter
- Set point counter
- PID heater control with digital display
- Two precision pressure regulators with digital display
- External trigger input
- Trigger via potential-free operation
- Digital display in German and English

#### Technical specifications

- Housing:** 19" Rack 3HE
- Dimensions:** 450 x 250 x 125 mm
- Operating voltage:** 24 V DC
- Max. Power input:** 2,5 A
- Operating conditions:** 5 to 50 °C, max. 80% moisture
- Input:** 0 to 24 V DC (0 to 13 V DC -low level-, 16 to 24 V DC -high level-)
- Output:** 24 V DC
- Protection class:** Safety extra-low voltage
- Interface:** 25 pin Sub-D-connector
- Pressure source:** 8 bar, oil-free, filtered (40 µm)
- Weight:** Ca. 2 kg