

# HPLC DOSING PUMP

## HPLC / DOSING Compact PUMP Model 3350



The new **HPLC / DOSING Compact Pump model 3350** for HPLC and High Precision Dosing covers the full area of modern LC and Dosing applications.

The new designed electronic with the control of a high resolution stepper motor allows accurate flow rates at high pressure up to 60 MPa from 1 µl up to 40.00 ml/min. With interchangeable pump heads the pump is able to cover a flow range from 1 µl to 40.0 ml/min at high and low backpressure. As a high precision compact pump it is the heart for any modular HPLC instrument or Micro- or Miniplant. The pump can be used in isocratic or gradient mode (for gradient a second pump is required).

#### Technical data:

<b>Operation Temperature:</b>	ambient temperature
<b>Pressure shut-off:</b>	for P min and P max
<b>Compressibility:</b>	adjustable
<b>Flow rate accuracy:</b>	< 2 %
<b>Flow reproducibility:</b>	< 0.5 %
<b>Residual Pressure Pulsation:</b>	< 3 % (typical < 1%)
<b>Pump head identification:</b>	via magnetic sensor
<b>Purge Valve:</b>	standard
<b>External control:</b>	analog 4 – 20 mA (Flow rate) 0 – 10 V (Flow rate) RS 232/RS485 USB LAN all functions
<b>Power requirements:</b>	90 – 264 V 50/60 Hz 100 W
<b>Dimensions:</b>	381 x 255 x 130 mm (LxWxH)
<b>Weight (without pumphead)</b>	7.1 kg

**P/N 3350 0000**



#### **Available Pump Heads in Stainless Steel 1.4401**

- **Micro Pump head**  
Flow: rate 1 µl - 1000 µl/min  
Pressure range: 0 - 60 Mpa  
P/N 2200 0100
- **Analytical Pump Head**  
Flow: rate 0.01 - 5.00 ml/min  
Pressure range 0 - 60 Mpa  
P/N 2200 0200
- **Semi Prep Pump head**  
Flow rate 0.1 - 20.00 ml/min  
Pressure range 0 - 15 Mpa  
P/N 2200 0300
- **Prep Pump head**  
Flow: rate 0.1 - 40.00 ml/min  
Pressure range 0 - 5 Mpa  
P/N 2200 0400

**Pump Heads on request available  
in Titanium, PEEK and Hastelloy C**  
(except Micro Pump Head)

For more information or to order  
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