



Controller Type R 2302Z for test bed size I-VI

Constant voltage controller for magnetic powder brakes for

- torque control
- torque limit
- torque measuring

Parallel port to record the operating data:

- desired value
- actual value
- output current
- speed 0-10VDC via miniature round connector



Floating control electronic

- programmable control functions
- PID controller adjustable
- automatic controller lock
- integrator for desired value
- additional input
- set point voltage 0 – 10 VDC
- external set point default 0 – 10 VDC via 4 mm laboratory socket connectors
- output voltage 0 – 30 VDC, output current 0-2 A

Electronic control of the temperature at the magnetic powder brake via LED-display.

With integrated 1-channel-measuring amplifier to evaluate the torque measurement

Supply voltage of the resistance bridge: 10 VDC or 15mA

Sensitivity: 0,2 m V/V up to 2 m V/V

Output - 10 V 0 +10V

Load up to max. 10 mA

Linearity error $\pm 0,25$ %

Control desk with

- ampere meter
- torque indication
- set point potentiometer
- on/off switch
- indicator lamp
- mains supply via cold connector 230VAC ± 10 % / 50-60 Hz

In a desk-top box with front handles

Protection type IP 20; Colour RAL 7030 / 7035

Dimensions: width x height x depth : 320 x 166 x 300 mm weight: app. 7.0 kg