

Technical data:

Emulator / Calibrator		DO/pH/T
Nominal voltage:	230 V AC $\pm 10\%$; 50 .. 60 Hz	
Power consumption:	4,5 W / < 0,6 W power/standby	
Temperature range:	+5 .. +40 °C	
Protection degree:	IP5X	
Dimensions (L x W x H); weight:	155 x 84 x 55 mm; 650 g	
DO - Oxygen content		
DO range; resolution:	0 .. 300 % O ₂ ; 0,02 % O ₂	
DO current output; resolution; polarization voltage:	0 .. 230 nA ; 0,02 nA; < 20 V	
Emulation error; temperature drift:	< 0,04 % ± 1 dig (@ 23°C); 0,006 nA/K	
pH - value		
pH range; resolution:	0 .. 14 pH; 0,01 pH;	
pH voltage output; resolution; max. load:	-700 .. 700 mV; 0,1 mV; > 1 k Ω	
Emulation error; temperature drift:	< 0,1 % ± 1 dig (@ 23 °C); 0,02 mV/K	
T - temperature		
Temperature range; resolution:	-10 .. +50 °C; 0,02 °C	
PT 100 resistance 2/3/4w output; resolution:	96,09 .. 119,00 Ω ; 0,01 Ω	
Emulation error; max. load:	< 0,03 Ω / < 0,1 °C ± 1 dig (@ 23 °C); < 0,1 W	
Galvanic isolation of all I/O:	500 V AC	
Communication port:	RS 232, 19.200 bps; 8/1 bit	