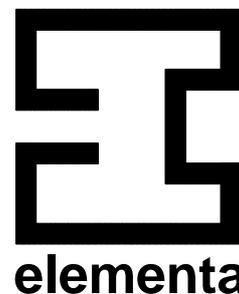


pH / Redox - Simulator ISH 2500



Scale 1 : 2



Features:

- * 7 adjustable pH values
- * 24 temperature ranges
- * 5 adjustable redox levels
- * electronically stabilised voltage source ensures repeatability
- * mains independent
- * **Option : calibration certificate**

Features

Application:

In industrial and quality control, laboratories and development.

- * **for calibration** and simulation of pH and redox instruments
- * **for simulation** of the relationship of pH values and temperature
- * **for detection** of error measurements.
- * **for the control** of installed measurement cables

Application

selector switch for:	selectable pH-values:							
pH-Range (7 values) 1pH = 58,16mV to +20°C	1,0	3,0	5,0	7,0	9,0	11,0	13,0	
Redox-Potential (mV)	1000	500	100	-300	-700			

Data

selector switch for:	selectable °C-values:								
pH temperature (each 24 ranges in °C)	-20	-10	-5	0	5	10	15	20	
	25	30	35	40	45	50	55	60	
	70	80	90	100	110	120	140	150	

Tolerances at 23°C ± 5K for all switches and positions:

- ± 0,01pH for pH switch also with temperature simulation switched on
- ± 0,1% for redox potential

Leakage test: 1000 MΩ
 Temperature coefficient: ± 50 ppm/K
 Ambient temperature: - 20°C...23°C...70°C

Power supply	Internal:	1x9V dry batteries IEC 6 LF 22 e.g. : Duracell MN 1604
	internal current drain:	approx. 1mA
	Operating hours:	approx. 500 hours
	battery discharged:	indicated by lighting of red LED
Construction	Rotary switch:	shortcircuit switch method, gold plated hard silver contacts set level in ceramic
	Resistances:	Thin film technique integrated at the switch level
	Connections:	1 plug socket 4mm \varnothing , 1 HF panel sockets 4/13 to DIN 47284
	Housing:	enamelled sheet steel housing, completely electromagnetically screened
	Dimensions:	116 x 100 x 28 mm
	Weight:	approx. 450g
	Ordering example	ISH 2500
Calibration laboratory	Option	Calibration certificate: The calibration is done with measurement equipment which is several times more accurate than the calibrated object. The measurement equipment is traceable to the national standards at the PTB (Physical Technical Federal Institute). With this calibration certificate you prove the required ISO 9000 traceability to national standards.
Delivery program	HYBRIDS DECADES SIMULATORS CALIBRATORS SWITCHES	Thick-film, Thin-film and SMD technology Resistors, capacitors, voltages, currents, current drains, attenuation Pt-100, Pt-500, Pt-1000, Ni 100, thermoelements, pH-values, conductivity, measurement transducers, strain gauges for current loops and multimeters rotary switch/resistance combinations, attenuation components and resistance indicators, also with binary control.

We reserve the right to carry out modifications, especially those which improve the product. All correspondence occurs without reference to the Patent position.