

# Az Ön viszonteladója:



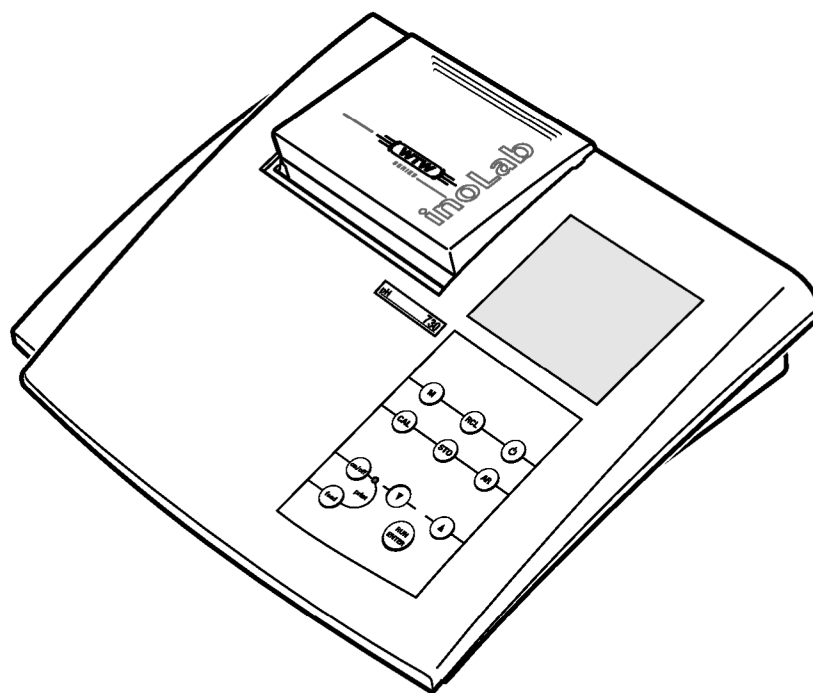
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## Operating Manual

ba75443e

## inoLab pH 730



Laboratory pH meter

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ADVANCED APPLIED TECHNOLOGIES

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## 7 Technical Data

<b>Ambient temperature</b>	Storage temperature	- 25 °C ... + 65 °C
	Operating temperature	0 °C ... + 55 °C
	Allowable relative humidity	Annual mean: < 75 % 30 days/year: 95 % Other days: 85 %
<b>Measuring ranges and resolution</b>	pH	- 2.000 ... + 19.999 - 2.00 ... + 19.99
	U [mV]	- 999.9 ... + 999.9 - 1999 ... + 1999
	T [°C]	- 5.0 ... + 109.0
	T [°F]	+ 23.0 ... + 221.0
<b>Accuracy (± 1 digit)</b>	pH (in the measuring range of 2 pH units around the calibration point)	± 0.005 (at operating temperature + 15°C ... + 35 °C) ± 0.01
	U [mV]	± 0.3 (at + 15 °C ... + 35 °C) ± 1
	T [°C]	NTC 30: ± 0.1 PT 1000: ± 0.5 at 0 °C ... 15 °C ± 0.1 at 15 °C ... 35 °C ± 1 at 35 °C ... 55 °C
	T [°F]	NTC 30: ± 0.2 PT 1000: ± 0.9 at 32 °F ... 59 °F ± 0.2 at 59 °F ... 95 °F ± 1.8 at 95 °F ... 131 °F

**Dimensions and weight**

Length [mm]	250
Width [mm]	300
Height [mm]	70
Weight [kg]	Approx. 1.3 (without plug-in power supply)

**Analog output**

Automatic switch-over when the AK 323 recorder cable is connected.

Output signal	corresponds to electrode voltage, i. e. 50...62 mV/pH unit
Accuracy	$\pm 0.1\%$ of measured value $\pm 4\text{mV}$
Internal resistance	< 5 ohms (current limitation to max. 0.2 mA output current)

**Serial interface**

Automatic switch-over when the AK 340/B or AK 325/S cable is connected.

Type	RS 232, data output
Baud rate	can be set to 1200, 2400, 4800, 9600 Baud
Data bits	8
Stop bit	1
Parity	none
Handshake	RTS/CTS+Xon/Xoff
Cable length	max. 15m

<b>Energy supply</b>	Batteries	4 x 1.5 V AA type alkaline manganese batteries
	Runtime	Approx. 3000 operating hours
	Power supply	Plug-in power supply (Connection max. overvoltage category II)  Plug-in power supply unit (Euro, US, UK, Australian plug) FRIWO FW7555M/09, 15.1432 Friwo Part. No. 1822089 Input: 100 ... 240 V ~ / 50 ... 60 Hz / 400 mA Output: 9 V = / 1,5 A
<b>Guidelines and norms used</b>	EMC	E.C. guideline 89/336/EEC EN 61326-1:1997 EN 61000-3-2 A14:2000 EN 61000-3-3:1995 FCC Class A
	Instrument safety	E.C. guideline 73/23/EEC
	Protective class	3, EN 61010-1 A2:1995
	Climatic class	2, VDI/VDE 3540
	<b>Test marks</b>	UL/CUL, CE