xylem
Let's Solve Water

Meters and Electrodes
pH, ISE, COND AND O_2 | PRECISE - RELIABLE - SELECTIVE
IN LAB AND FIELD

SI Analytics
a **xylem** brand

Functionalities at a glance

Laboratory meters Lab and ProLab series

Features	Lab 745	Lab 845	Lab 945	Lab 855	Lab 865	Lab 875	Lab 875 P	ProLab 2500	ProLab 5000
Page	8	8	8	10	10	12	14	16	20
Measuring parameters & special functions									
pH	■	■		■	■	■	■	■	■
Measuring channels (electrically isolated)	1	1	1	1	1	1	1	3	4
4 pre-programmed pH buffer sets		■							
24 pre-programmed pH buffer sets					■	■	■	■	
21 pre-programmed and 3 defineable pH buffer sets									■
automatic buffer recognition display		■	■	■	■	■	■	■	■
pH calibration points, max.		3		3	3	5	5	5	3
ConCal: manual calibration with optional buffers		■			■	■	■		
mV		■		■	■	■			
ISE		■						■	■
Activation of external burettes in ISE measuring mode									
Conductivity			■				■	■	■
Oxygen (diss.), optical (ProLab 5000: amperometrical)					■	■		■	■
Temperature - simultaneaous display	■	■	■	■	■	■	■	■	■
GLP and ease of use									
Automatical recognition of IDS sensores						■	■	■	
Automatical user recognition						■	■	■	■
Additional password security	■	■				■	■	■	■
Sensor evaluation	■	■	■	■	■	■	■		
Programmable frequency of checks				■	■	■	■		
Display of current calibration data including date / time	■	■		■	■	■	■	■	■
Display of calibration history (10 records) incl. date / time					■	■	■	■	
Measurement with stability control					■	■	■	■	
Adjustable resolution of measuring value	■	■	■	■	■	■	■		
Display	LCD graphics	LCD graphics	LCD graphics	LCD	LCD	LCD	B/W LCD graphics	QVGA-colour	QVGA-colour
Recording function (Display of measured values)		■							■
Tactile feedback	■	■	■	■	■	■	■		
Data storage	■	■	■		■	■	■	■	■
USB (Slave)		■	■	■	■	■	■	■	■
USB host interface: plug-and-play connection of USB hub, USB printer, USB storage, keyboard, mouse								■	■
Quality and service									
Scope of delivery: • Device, power supply and tripod • Set: plus electrode and buffer	■	■	■	■	■	■	■	■	
IQ and OQ documents available	■	■	■	■	■	■	■	■	■
Applicable for 3 years warranty	■	■	■	■	■	■	■	■	■

Lab and ProLab

1.1.3.1 Lab 875 and Lab 875P

Safe measurements...
... with the innovative Lab 875 and Lab 875P.

The Lab 875 with a digital measuring channel is optimal in the world of digital multi-parameter measurement using IDS. The IDS technology allows optimized measurements and efficient documentation in the simplest manner.

- One-channel multi-parameter meter for all IDS sensors
- Digital sensor recognition
- Optionally installed printer: Lab 875P

Lab 875

Lab 875P

Documentation as per GLP/AQS

- ◀ Automatic, digital capture of all sensor data.
- ◀ User administration capabilities for the safe allocation of user and measuring results.
- ◀ Transmission of all data in *.csv format via USB interface to PC.
- ◀ Output directly to an optional integrated printer.

Benefits
Lab 875 and Lab 875P

1.1.3.3 Lab 875 (P) and ProLab 2500
Technical data

Model	Lab 875 (P)	ProLab 2500
Parameter	pH, mV, saturation, concentration, partial pressure, conductivity, spec. resistance, salinity, TDS, temperature	
IDS - Intelligent Digital Sensors	■	■
Universal measuring channels	1	3
Analog pH/ORP sensors	-	Z600 IDS analog adapter (included in delivery)
Temperature compensation	all except for ORP	all except for ORP
Calibration points pH	1–5	1–5
ISE	-	2–7 (requires adapter)
Dissolved oxygen	1	1
Conductivity	1	1
Calibration records	Max. 10	Max. 10
Calibration timer	1 – 999 days	1 – 999 days
Memory entries	manual: 500 data sets automatic: 4,500 data sets	manual: 500 data sets automatic: 10,000 data sets
Logger	■	■
Interface	Mini USB-B	USB-A, Mini USB-B
GLP/AQS supporting	■	■
Display	Graphic, BW	Color graphic
Printer option	Yes: Lab 875P	external
Additional	CMC, QSC	antibacterial keypad, QSC, CMC, replaceable firmware
Power supply	Universal power supply, battery (4 x 1.5 V AA Type)	Universal power supply

Lab 875P

ProLab 2500

Ordering information

Type No.	Order No.	Desciption
Lab 875	285206320	One channel instrument for IDS sensors in order to measure pH, mV, Cond., DO and Temp., Mini USB-B interface, Data storage. Including stand and power supply.
Lab 875 pH Set	285206720	One channel instrument for IDS sensors in order to measure pH, mV, Cond., DO and Temp., Mini USB-B interface, Data storage. Including stand, power supply, BlueLine 14 pH IDS and buffer solutions.
Lab 875 Cond Set	285206730	One channel instrument for IDS sensors in order to measure pH, mV, Cond., DO and Temp., Mini USB-B interface, Data storage. Including stand, power supply, LF 413T IDS and cond. testing solutions.
Lab 875P	285206330	One channel instrument with integrated printer for IDS sensors in order to measure pH, mV, Cond., DO and Temp., Mini USB-B interface, Data storage. Including stand and power supply.
Lab 875P pH Set	285206740	One channel instrument with integrated printer for IDS sensors in order to measure pH, mV, Cond., DO and Temp., Mini USB-B interface, Data storage. Including stand, power supply, BlueLine 14 pH IDS and buffer solutions.
Lab 875P Cond Set	285206750	One channel instrument with integrated printer for IDS sensors in order to measure pH, mV, Cond., DO and Temp., Mini USB-B interface, Data storage. Including stand, power supply, LF 413T IDS and cond. testing solutions.
ProLab 2500	285206350	Three channel instrument for IDS sensors in order to measure pH, mV, Cond., DO and Temp., USB-A and Mini USB-B interface, Data storage. Including stand, power supply and IDS analog adapter.
ProLab 2500 pH Set	285206770	Three channel instrument for IDS sensors in order to measure pH, mV, Cond., DO and Temp., USB-A and Mini USB-B interface, Data storage. Including stand, power supply, A 162 IDS, buffer solutions and IDS analog adapter.
ProLab 2500 pH/Cond Set	285206780	Three channel instrument for IDS sensors in order to measure pH, mV, Cond., DO and Temp., USB-A and Mini USB-B interface, Data storage. Including stand, power supply, A 162 IDS, LF 413T IDS, testing solutions and IDS analog adapter.
ProLab 2500 pH/ Cond/Ox Set	285206790	Three channel instrument for IDS sensors in order to measure pH, mV, Cond., DO and Temp., USB-A and Mini USB-B interface, Data storage. Including stand, power supply, A 162 IDS, LF 413T IDS, FDO 1100 IDS, testing solutions and IDS analog adapter.
Z 600	285206360	Adapter IDS socket / DIN plug for connecting analog DIN electrodes to an IDS socket of the ProLab 2500.
Z 610	285206370	Printer paper, document quality, one roll for Lab 875P.
Z 850	285204889	Universal power supply unit, 230 and 120 V for all Lab and ProLab meters.
Z 865	285201520	Stand set S4D, including arm and electrode holder for docking to the meters of the Lab- and ProLab family as well as for autonomous usage.
Z 866	285204940	Flexible electrode arm for fixed attachement to Lab & ProLab meter family.
Z 875	285201540	USB cable for Lab and ProLab meters.

Lab and ProLab

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