

- **Parameters:** pH, ORP, DO, EC, TDS, SAL, Temperature
- **Gold Plated BNC**
- **Pre-programmed standards**
pH: 1.68, 2.00, 4.00, 4.01 (B504), 6.87, 6.99 (B507), 9.18, 9.21, 9.95 (B510), 10.01, 12.00, 12.45 (at 25°C)
- **Conductivity:** 1413 µS/cm (B560), 12.88 mS/cm (B561), 111.8 mS/cm (B562) (at 25°C)
- **Stability algorithm with intuitive indicator**
- **Easy to use**
- **Ideal for schools and small laboratories**
- **Portable**
- **Accuracy at a budget**



LabArt C51 is a basic, yet complete and accurate portable meter. It can measure all common electrochemical parameters such as pH, ORP, Conductivity, TDS, Salinity and Dissolved Oxygen.

Intuitive menu system with function keys for fast and easy handling.

Free software can be downloaded from our website to copy the logged values to a computer.

Firmware update for future improvements.



SK10T



SP10T



SZ10T

pH/MV Channels	1
EC/TDS/SAL/DO Channels	1
Temperature Channels	1
pH	0.00...14.00 pH
mV	±2000 mV
Conductivity	0...1000 mS/cm (cc dependend)
Salinity	0.0...70.0
TDS	0...100 g/l
Dissolved oxygen	0.00...20.00 mg 0...200%
Temperature	0.0...+100.0°C
Warranty	36 months
Made in Belgium	

Code	Description	Content
C51	mV/pH/EC/SAL/TDS/DO meter	meter only
C51P	pH meter kit, glass electrode	meter + SP20T + 2x50ml pH buffers + 50ml electrolyte + carrying case
C51K	EC meter kit, glass electrode	meter + SK20T + 50ml EC standard + carrying case
C51PK	pH/EC meter kit, glass electrodes	meter + SP20T + EC electrode SK20T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + carrying case
C51Z	Oxygen meter kit	meter + SZ20T + carrying case
C51T	Complete meter kit, glass electrodes	meter + SP20T + SK20T + SZ20T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + carrying case
C51X	Meter kit without electrodes	meter + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + carrying case
C51PE	pH meter kit, epoxy electrode	meter + SP10T + 2x50ml pH buffers + 50ml electrolyte + carrying case
C51KE	EC meter kit, epoxy electrode	meter + SK10T + 50ml EC standard + carrying case
C51PKE	pH/EC meter kit, epoxy electrodes	meter + SP10T + SK10T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + carrying case
C51TE	Complete meter kit, epoxy electrodes	meter + SP10T + SK10T + SZ20T + 2x50ml pH buffers + 50ml electrolyte + 50ml EC standard + carrying case
B504	500ml buffer pH 4.00 @ 25°C	
B507	500ml buffer pH 6.99 @ 25°C	
B510	500ml buffer pH 9.95 @ 25°C	

● Specifications

pH	Range	0.00...14.00 pH	
	Resolution	0.01 pH	
	Accuracy	0.2% ± 1 digit	
	Calibration	1...3 points	
	Buffers	11 pre-programmed	
	Temperature compensation	0...100°C	
	ISO-pH	6...8 pH	
mV	Slope	80...120%	
	Range	±2000 mV	
	Resolution	1 mV	
	Accuracy	0.2% ± 1 digit	
CONDUCTIVITY	Calibration	1 point	
	Standards	3 pre-programmed	
	Cell constant (cc)	0.1/1/10 cm ⁻¹ ±30%	
	Temperature compensation	0...100°C	
	Reference temperature	20° or 25°C	
	Temperature coefficient	natural waters (EN27888)	
	Range	0...70	
	Reference temperature	15°C	
	TDS	Range	0...100.0 g/l
		Resolution	0.1 mg/l
	DISSOLVED OXYGEN	Range	0.00...20.00 mg/l (0...200%)
		Resolution	0.01 mg/l (0.1%)
		Accuracy	1% ± 1 digit
		Calibration	1 point
		Temperature compensation	0...50°C
		Salinity compensation	0...40
		Air pressure compensation	800...1200 hPa
	TEMPERATURE	Range	-5...100°C
		Resolution	0.1°C
		Accuracy	0.5°C
Calibration		1 point	
INPUTS		pH/mV/Dissolved Oxygen	BNC, 10 ¹² Ω
	Conductivity	BNC	
	Temperature	2 banana, for Pt1000	
COMMUNICATION	Interface with computer	USB	
STORAGE MEMORY	Data sets	50	
CALIBRATION	GLP	✓	
DISPLAY	LCD	160x160 pixels	
	White back-light	✓	
AMBIENT CONDITIONS	Temperature	0...40°C	
	Humidity	0...95%, non condensing	
POWER SUPPLY	Low voltage	9...15 VDC	
	Batteries (included)	4 x 1.2 V, NiMH	
DIMENSIONS	WxDxH	13x18x10 cm	
WEIGHT	Meter	600 gr	