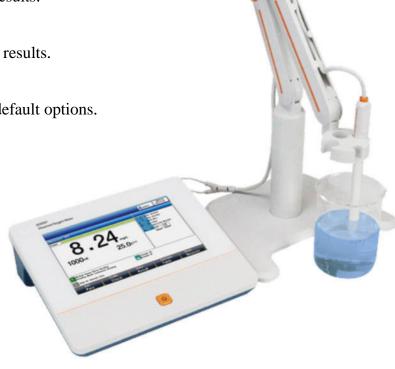# D0500T DO Meter

Features

● Color High contrast LCD touchscreen, 7.0 inches.

●Intelligent operation system provides features including user management, calibration management, method management, data management and etc.

●Multi-reading feature allows auto-read, timed-read and continuous-read.

●Automatic/Manual temperature compensation ensures accurate results.

●Data Storage 1000 sets for each parameter (GLP-compliant).

●Data analysis feature helps user review, compare and recalculate results.

●Support for USB or RS-232 communication.

●Reset feature automatically resumes all settings back to factory default options.

●TP54 waterproof.

●Support for air-saturated water or zero oxygen calibration.

●Auto barometric pressure compensation.

●Manual Salinity Factor Correction.

●Selectable pressure unit, including kPa, mbar, Torr, Atm.

Includes

◆ DO-958-Q polarographic DO electrode

（zero oxygen calibration solution, dissolved oxygen electrolyte, 3 pcs electrode membrane cover）

◆ Touch pen

◆ REX-6 electrode stand

Specifications

Model		DO-500T
Parameters		DO/Temp(DO Saturation).
Dissolved Oxygen Concentration	Sensor Type	Polarographic
	Range	0.00 to 99.99 ppm
	Resolution	0.01ppm
	Accuracy	±0.1 ppm
	Calibration Reminder	Yes
	Calibration Points	Air-saturated water or zero point
	Barometric Compensation	Yes
	Manual Salinity Factor Correction	Yes
DO Saturation	Range	(0.0 to 600)%
	Resolution	0.10%
	Accuracy	±2.0%
Temperature	Range	-10 to 135 °C, 14 to 275 °F
	Unit	°C, °F
	Resolution	0.1
	Accuracy	±0.1°C

Measurement	Reading Mode	Auto-Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
	Temp. Compensation	ATC, MTC
Data management	Data Storage	1000 Groups
	GLP Features	Yes
	Log Management	Yes
Inputs	DO with Temp. Probe	4-pin aviation connector
Outputs	USB	USB 2.0 flash memory device, PC, scanner
	RS 232	printer, auto-sampler
Display options	Backlight	Yes
	Auto Shutdown	1~60 min, off
	IP Rating	IP54
	Date and Time	Yes
General	Power	AC Adapter, 100-240V AC input, DC24V output
	Dimensions	220 x 195 x 68 mm
	Weight	950g (2.09 lb)
	Dimensions (Carton)	370x305x330 mm
	Weight (Gross)	5.5 kg