



**Total Organic Carbon Analyzer
TOC1CD, TOC3CD**



TOC1CD

Offline

TOC3CD

Online (Exclusive for Lab)

Total Organic Carbon Analyzer (TOC)

Total Organic Carbon Analyzer (TOC) are widely used in various industries and research fields to measure the concentration of organic carbon in water samples. These analyzers provide valuable information for quality control, environmental monitoring, and research purposes. LTOC1000 works under offline mode, Ideal choice to measure and monitor Microelectronics Water, Purified Water, Water for Injection, etc.



E - Catalogue

SALIENT FEATURES

- ✦ Equipped with Conductivity detector to quantify TOC Concentration
- ✦ Automatic sample introduction with enter of trace sample, we can control the value of the trace sample.
- ✦ No contamination & safe for user & environment
- ✦ UV oxidation by UV lamp, no need to add acid, gas or catalyst & it reduces experiment and maintenance cost.
- ✦ 7 inches Touchscreen easy to operate and read test data.
- ✦ 8GB large storage memory which does not restrict data and time.
- ✦ Quick Test & Analysis in Less than 3 minutes.
- ✦ Clear historical records which is traceable according to analysis date.
- ✦ Data can be retrieved and saved to USB directly.
- ✦ Equipped with Bluetooth printer which is easy to operate and print quickly.
- ✦ Modular design ensures quick installation and easy maintenance.
- ✦ TOC3CD - Online and offline mode can be easily switched

Total Organic Carbon Analyzer

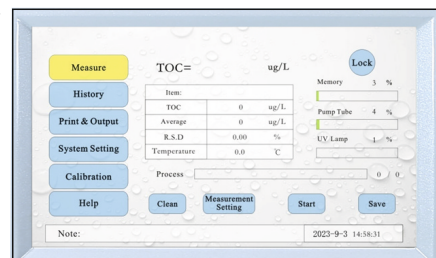
HSN Code : 90275090

SPECIFICATIONS

MODEL	TOC1CD	TOC3CD
Mode	Offline	Online (Exclusive for Lab)
Make	LABMAN	
Detection range	0.001-1.500mg/l (ppm)	
Detection limit	1ppb	
Max tolerance	±5%	
Repeatability tolerance	±3%	
Analysis time	< 3 min	
Measurement Range	1µg/L -1000 µg/L	
Response time	< 10 min	
Sample temperature	1-95°C	
Environment temperature	10-40°C with temperature change ±5°C/day	
Software	In-Built	
Auto Sampler	Optional	
Interface	USB	
Relative Humidity	≤ 85%	
Display	7" color Touchscreen	
Memory	8GB capacity, and no limitation for storage time	
Power	100W	
Power Supply	AC 220V,50/60Hz	
Packing Dimension (LxWxH)	660 x 603 x 677mm	
Gross Weight	32kg	

★ Specifications are subject to change without notice.

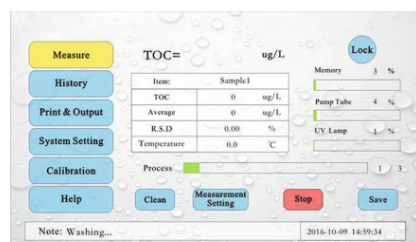
STANDARD ACCESSORIES : TOC Analyzer, Power Cable, Bluetooth Printer, Print Paper, Cross Screw, Fuse, Instruction Manual, Test Certificate.



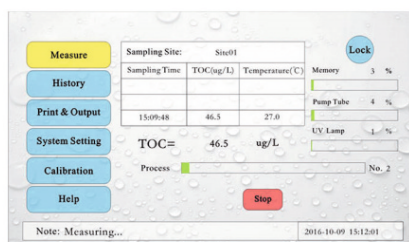
Total Organic Carbon Analyzer - Software TOC1CD, TOC3CD

Measure

1. One - Click operation, real-time measurement data displayed.
2. Automatic save of measurement data when test finished.
3. Alert monitoring of UV Lamp and Pump Tube with automatic prompt when out of service.
4. Quick cleaning, cleaning time and speed can be set as required.



Measure screen showing real-time measurement data. The screen displays a sidebar with buttons: Measure, History, Print & Output, System Setting, Calibration, and Help. The main area shows a table with columns: Item, Sample1, and TOC. The table contains data for TOC (0 ug/L), Average (0 ug/L), R.S.D (0.00 %), and Temperature (0.0 °C). There are also fields for Memory (3 %), Pump Tube (4 %), and UV Lamp (1 %). A 'Lock' button is visible in the top right. The bottom status bar shows 'Note: Washing...' and the date/time '2016-10-09 14:59:34'.



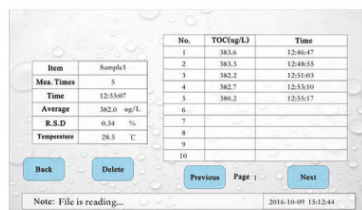
Measure screen showing real-time measurement data. The screen displays a sidebar with buttons: Measure, History, Print & Output, System Setting, Calibration, and Help. The main area shows a table with columns: Sampling Site, Sampling Time, TOC(ug/L), Temperature(°C), Memory, Pump Tube, and UV Lamp. The table contains data for TOC (46.5 ug/L), Temperature (27.0 °C), and UV Lamp (1 %). There are also fields for Memory (3 %), Pump Tube (4 %), and UV Lamp (1 %). A 'Lock' button is visible in the top right. The bottom status bar shows 'Note: Measuring...' and the date/time '2016-10-09 15:12:01'.

History

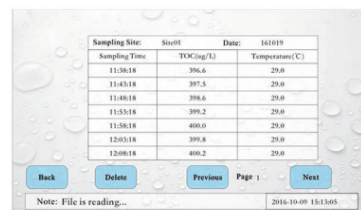
1. Historical measurements can be retrieved by date search.
2. Data displayed clearly and can be deleted as needed.
3. Alarm record can be retrieved and exported.



History screen showing a list of historical measurements. The screen displays a sidebar with buttons: Measure, History, Print & Output, System Setting, Calibration, and Help. The main area shows a table with columns: Item, Date, File Name, and Total. The table contains data for 5 items. There are also fields for Date (Day, Month, Year) and a 'Search' button. The bottom status bar shows 'Note: Searching finished.' and the date/time '2016-10-09 15:12:27'.



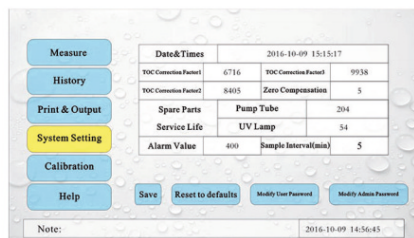
History screen showing a list of historical measurements. The screen displays a sidebar with buttons: Measure, History, Print & Output, System Setting, Calibration, and Help. The main area shows a table with columns: No., TOC(ug/L), Time, Item, Sample1, Max. Times, Average, R.S.D, and Temperature. The table contains data for 10 items. There are also fields for 'Back', 'Delete', 'Previous', 'Page 1', and 'Next'. The bottom status bar shows 'Note: File is reading...' and the date/time '2016-10-09 15:12:44'.



History screen showing a list of historical measurements. The screen displays a sidebar with buttons: Measure, History, Print & Output, System Setting, Calibration, and Help. The main area shows a table with columns: Sampling Site, Site#1, Date, and TOC(ug/L). The table contains data for 10 items. There are also fields for 'Back', 'Delete', 'Previous', 'Page 1', and 'Next'. The bottom status bar shows 'Note: File is reading...' and the date/time '2016-10-09 15:13:05'.

System Setting

1. Calibration Data, Service life of consumables and Alarm value can be easily set.
2. System time can be set according to different time zones.
3. Factory reset is available to restore defaults setting.
4. User or Admin password can be reset.

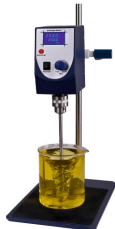


System Setting screen showing various configuration options. The screen displays a sidebar with buttons: Measure, History, Print & Output, System Setting, Calibration, and Help. The main area shows a table with columns: Date&Times, TOC Correction Factor1, TOC Correction Factor2, Zero Compensation, Spare Parts, Pump Tube, Service Life, UV Lamp, Alarm Value, and Sample Interval(min). The table contains data for various settings. There are also fields for 'Save', 'Reset to defaults', 'Modify User Password', and 'Modify Admin Password'. The bottom status bar shows 'Note:' and the date/time '2016-10-09 14:56:45'.

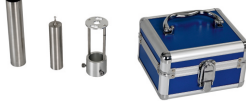
LABMAN Product Range 2025-26

LMFD61, 62, 63, 64 Lyophilizer Freeze Dryer (-60°C)	LMFD83, 84 Lyophilizer Freeze Dryer (-80°C)	LMRE25 Rotary Evaporator	ADM3 Automatic Density Meter	MSOD6 Microvolume Spectrophotometer
NAE32 Nucleic Acid Extractor	EMR4 Elisa Microplate Reader	GPTC96 Gradient PCR Thermal Cycler	HO30 Hybridization Oven	UVCL254 UV - Crosslinker
TGH12, 24 Tissue Grinder Homogenizer	PBH80T Paddle Blender Homogenizer	TOC2NDir Total Organic Carbon Analyzer	TOC1CD Total Organic Carbon Analyzer	LMDS600, 1200 Microwave Digestion System
HPLC1IS, HPLC2GS High Performance Liquid Chromatography	APT1800 Automatic Potential Titrator	KFT250VC Karl Fischer Titrator	COD1500 COD Analyzer with Digestor	BOD4000 BOD Analyzer
MTVM50 Multi Tube Vortex Mixer	LMVM60D Vortex Mixer	OS20 Orbital Shaker	TRM6 Tube Roller Mixer	DBNE12, 24 Dry Bath Nitrogen Evaporator

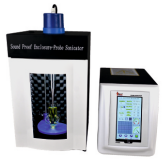
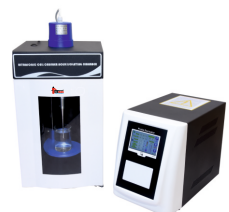
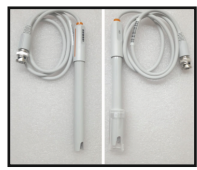
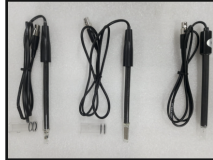
LABMAN Product Range 2025-26

DBI11T  Dry Bath Incubator	DBI15SH, DBI16SC  Dry Bath Incubator	IRS14, 35  Infrared Sterilizer	GGA200  Air Generator	GGA301, 302  Hydrogen Generator
GGN303  Nitrogen Generator	GHA304  Hydrogen Air Generator(2 in 1)	LMVP10  Vacuum Pump	LMVP20  Vacuum Pump	LMCO1  Column Oven
LMIO6  Mini Thermostatic Incubator	GHP400  Graphite Hotplate	LOBMS5  Oil Bath Magnetic Stirrer	LMMS4LC, 20LC  Ceramic Hotplate Magnetic Stirrer	LMMS300  Hotplate Magnetic Stirrer
MMS15S  Multiposition Magnetic Stirrer	MMS12H  Multiposition Magnetic Stirrer	WBMS3  Water Bath Magnetic Stirrer	LMWB2H, 4H, 6H, 8H  Digital Water Bath	HOS20L  Overhead Stirrer
LMHH160  Hand Held Homogenizer	PS1565  Peltier / Sipper System	LUV6HG  PMT Spectrophotometer	LUV2000T, 2100T  Single / Double Beam UV-Vis. Spectrophotometer with 21CFR	LMSPUV SERIES  Double Beam UV-Vis. Spectrophotometer

LABMAN Product Range 2025-26

LMSPUV1200  UV-Vis. Single Beam Spectrophotometer	LMSPV320, 325  Visible Spectrophotometer	ADP100CFR, 95CFR  Automatic Digital Polarimeter with CFR	ADP45, 50  Automatic Digital Polarimeter (±45°)	ADP75, 90  Automatic Digital Polarimeter (±90°)
ADP40  Automatic Digital Polarimeter	LMPM180  Manual Polarimeter	MAR100  Manual ABBE Refractometer	RFM100CFR  Digital Refractometer CFR	RFM950, 970  Digital Refractometer
LMAR1317T  ABBE Refractometer	LMDV300H  Digital Viscometer with Thermosel	LMDV60, 100, 200  Digital Viscometer (L Series)	LMDV400R  Digital Viscometer (R Series)	LMKV2  Krebs Viscometer
LMDV111, 222  Digital Viscometer with SSA	LVA30  Low Viscosity Adaptor	LMCR80F  Visual Colorimeter	LMUC2D  Ultrasonic Cleaner	LMUC3D, 6D, 9D, 12D, 25D  Ultrasonic Cleaner - Degas
LMUC50, 100  Industrial Ultrasonic Cleaner	LMPH15  pH Meter with Printer	LMPH12, LMPH10H  pH Meter	LMPH9  pH Meter - Basic	LMCM20H  Conductivity / TDS Meter

LABMAN Product Range 2025-26

LMCM20H  Conductivity / TDS Meter	LMMP30, 32  Multiparameter (7 in 1 / 9 in 1)	LMION40  Ion Meter	LMDO50  Dissolved Oxygen Meter	LMHD60  Water Hardness Meter
OPH11  Online pH Controller	OCM21  Online Conductivity Controller	LMTB200  Turbidity Meter	RCB1010T, 1020T, 1030T  Refrigerated Circulating Bath	RCB620T  Refrigerated Circulating Bath
RWC320  Recirculating Water Chiller	LMDO4P  Portable DO Meter	LMPH1P  Portable pH / ORP Meter	LMCM2P  Portable Conductivity / TDS Meter	LMTB5P  Portable Turbidity Meter
PRO656, 900, 1200, 1800  Probe Sonicator	PRO660R  Probe Sonicator with Remote	PRO650  Probe Sonicator	LMIF30T, 50T, 100T  Ice Flaker	LMIF200T  Ice Flaker
LMIM15  Ice Maker	LMIM20C  Ice Maker with Crusher	ISE19, 62  Nitrate / Fluoride ISEs	ER SERIES  pH Electrode / DO Electrode	CC1, CC2, CC3  Conductivity Cell