



Desktop High-precision Water Quality Analyzer

LH-T725

Water Quality Test Analyzer Series

Product Introduction

LH-T725 uses high-precision LED light source and advanced optical structure, adoption an intelligent detection system, Hundreds of data collections per second, and filtering algorithms to eliminate interference, improve data accuracy. The 7-inch IPS large touch screen makes the measurement results intuitive and clear. The helpful assistant for scientific research, data analysis, and water quality testing.

Feature



The light source advantage

Adopt LED light source, excellent optical performance, no preheating required, life time up to 100,000 hours.



Operational intelligence

Intelligent program guide users to complete operations easily.



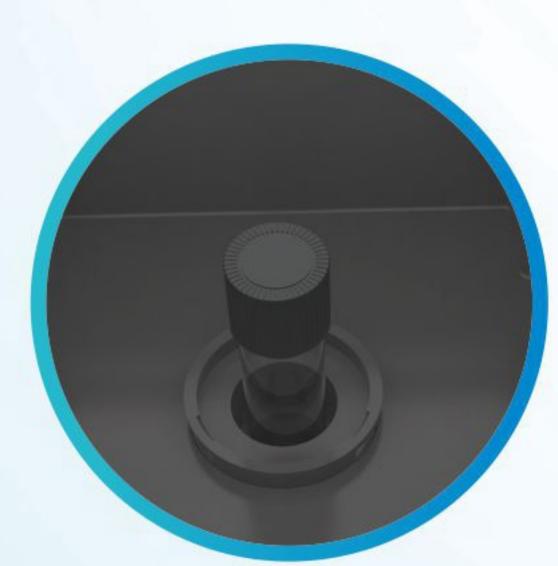
Operation safety

Compatible with colorimetric bottles in volume 10ml and digestion tubes in diameter 16mm.



Low using cost

Reagent is in low price and low consumption.



Professional testing

Matching special detection reagents to reduce user's operating process, make the detection more accurate.



Touch and operation

Full-touch 7-inch color screen for display,8 touch-sensitive auxiliary buttons for operation, simple & direct.



Quick print

Built-in thermal printer, print current records and historical measurement records.

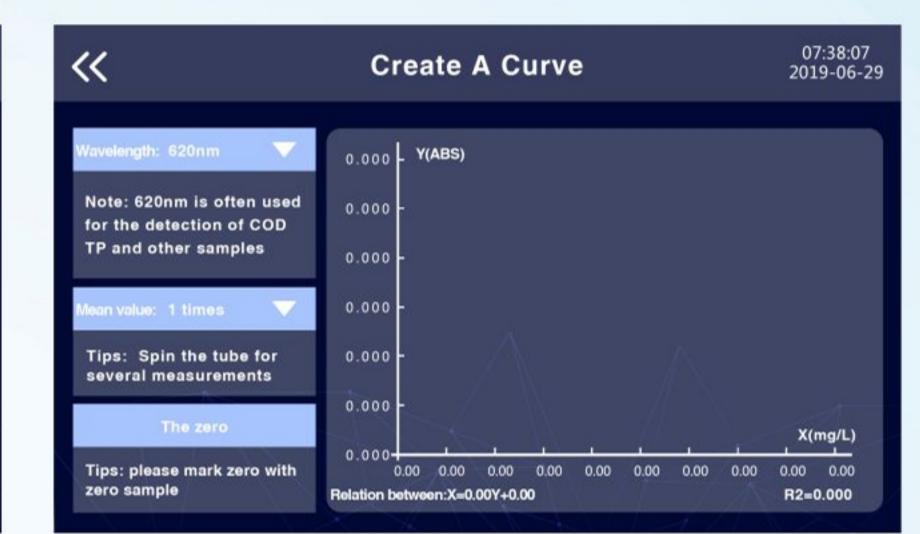


Data processing

Store 1000 records ,check 480 records directly,view balance records through the computer.







Manual interface

Detection interface

Data analysis interface

Technical Parameter

| Measuring Items | COD | | Ammonia Nitrogen | | Total Phosphorus | | Total Nitrogen | |
|-------------------------------|-------------------------------|--------------|----------------------------|-------------------|----------------------------|--------------|--|----------|
| Measuring Standards | HJ/T399-2007 | | HJ535-2009 | | GB11893-89 | | Potassium persulfate Spectrophotometry method | |
| Measuring Range | 0-15000mg/L (Segmentation) | | 0-50mg/L (Segmentation) | | 0-20mg/L (Segmentation) | | 0-500mg/L | |
| Measuring Minimum | 5mg/L | | 0.05mg/L | | 0.02mg/L | | 0.25mg/L | |
| Digestion Temperature | 165°C,20min | | N/A | | 150°C,15min | | 125°C,30min | |
| Indication Error | ≤±5% Or ±4mg/L | | ≤±5% Or ±0.1mg/L | | ≤±5% Or ±0.04mg/L | | ≤±5% Or ±0.4mg/L | |
| Repeatability | 3% | | 3% | | 3% | | 3% | |
| Measuring Items | Total Iron | Total Copper | Chromium | Total Chromium | Zinc | Total Nickel | Manganese | Fluoride |
| Measuring Range | 0.02-3.00 | 0.05-4 | 0.004-1 | 0.004-1 | 0.05-2.5 | 0.05-5 | 0.05-5 | 0.05-2 |
| Measurement Wavelength | 520 | 470 | 520 | 520 | 620 | 520 | 520 | 620 |
| Indication Error | <±5% | | | | | | | |
| Repeatability | 3% | | | | | | | |
| Absorbance Detection range | 0-3.5Abs | | | | | | | |
| Optical path Stablity | ≤±0.002Abs/30min | | | | | | | |
| Absorbance Resolution | 0.001Abs | | | | | | | |
| Operation Repeatability | ≤±0.005Abs | | | | | | | |
| Light Source Life | 100,000 hours | | | | | | | |
| Filter Life | 5 years | | | | | | | |
| Size | 412mm×253mm×164mm | | | | | | | |
| Weigh | 3.25Kg | | | | | | | |
| Power | DC 12V/5A | | | | | | | |

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