

# Model 7+

## MINI PHOTOMETER



Provide Accurate Results

M7+



*Portable cost effective mini photometer*

### ***Introduction***

The digital, portable, hand-held water quality analyzer M7+ allows a wide range of parameters measuring including free and total chlorine, pH, bromine, total alkalinity, calcium as CaCO<sub>3</sub>, copper and transmission. Convenient, fast, simple, all you have to do is to fill sample, dip strip and measure with the press of a button. There is no need to change sensors for different parameter measurement.

## Key Features

### ■ *Easy to Operate*

Only 3 steps are required to get the result: filling-dipping-measuring. Everyone can learn to use easily.



### ■ *Convenient Use*

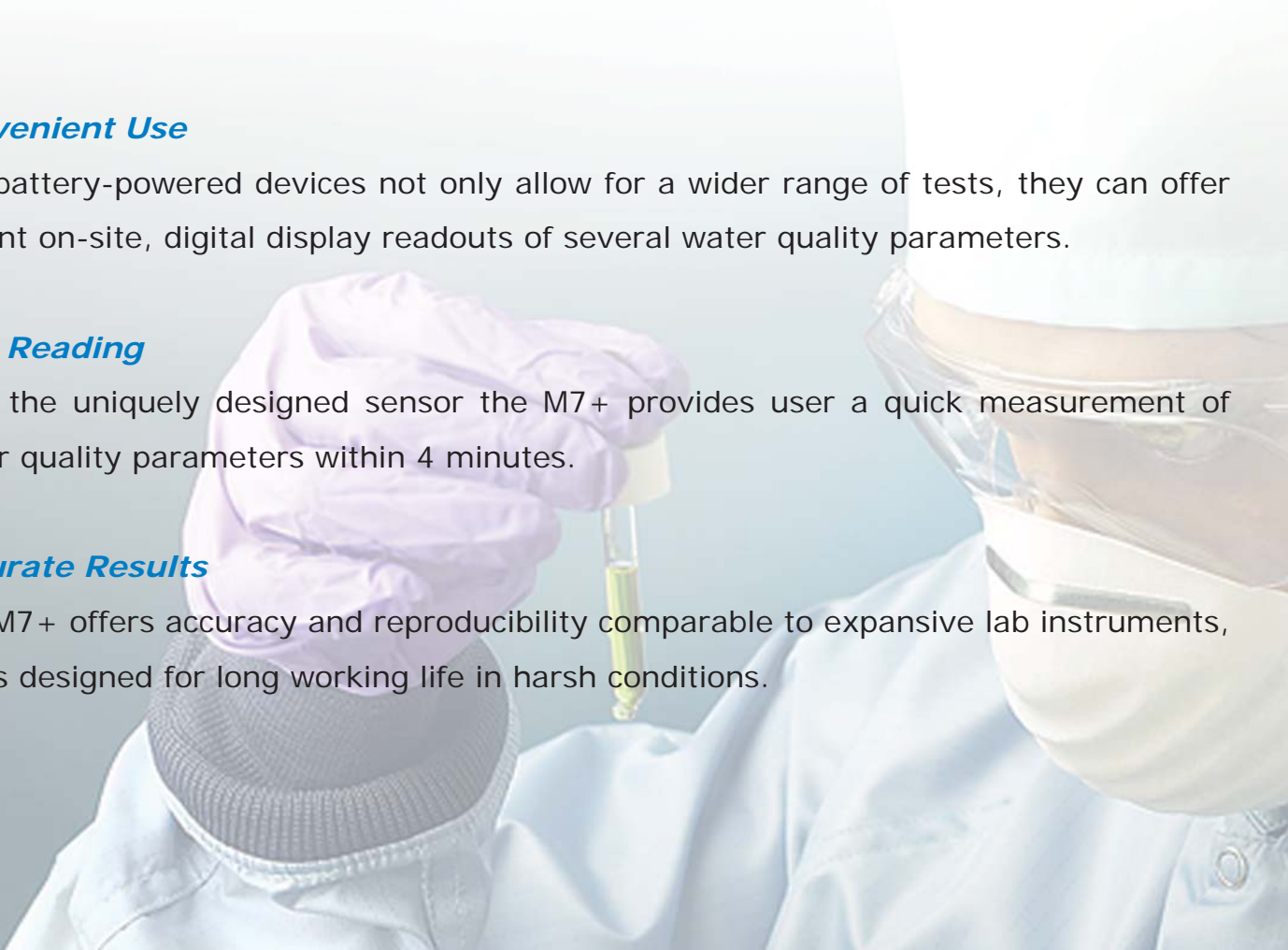
The battery-powered devices not only allow for a wider range of tests, they can offer instant on-site, digital display readouts of several water quality parameters.

### ■ *Fast Reading*

With the uniquely designed sensor the M7+ provides user a quick measurement of water quality parameters within 4 minutes.

### ■ *Accurate Results*

The M7+ offers accuracy and reproducibility comparable to expensive lab instruments, but is designed for long working life in harsh conditions.



## *Key Features*

### ■ *Multi-parameters*

7 parameters including free and total chlorine, pH, bromine, total alkalinity, calcium as CaCO<sub>3</sub>, copper and transmission measurements are provided on the instrument with 0.01ppm precision.

### ■ *Environmentally Friendly*

The M7+ is designed for less consumable parts and reagent usage. A long-lasting LED is used as the light source, providing low power consumption and long battery life.



## Specification

Lamp : Light emitting diode (LED)

Detector: Silicon photodiode

Photometric precision:  $\pm 0.001$  Abs

Display: LCD

Wavelength: 525nm +/- 1.5nm

Absorbance range: 0~2.5 Abs

Measurement light path length: 22mm

Memory: 20 sets per parameter

Cuvette volume: 4 mL

Enclosure: IP67, waterproof at 1M for 30 minutes

Power supply: battery AAA x 4, 1000 tests

Dimension: 160mm x 50mm x 40mm

Weight: 160 mg(batteries included)

Operating conditions: 0 to 50 °C ; 0 to 90% relative humidity

