



test water hardness, water hardness testers

Model: APEX-JCX554

Standard:

Introduce: The instrument has CAL CHECK function , optional dedicated NIST standard solution can always check the instrument 's performance to determine whether...

Detailed product information

APEX-JCX554 water hardness testers

I. test water hardness, water hardness testers introduction

Water hardness tester is commonly used [food lab equipment](#). Of all except water are distilled water containing dissolved salts (calcium and magnesium) , determine the concentration of these salts in water hardness. Both salt concentration and represents the total hardness of the water. Further , hardness and rust scale in many industries pipe phenomenon , for example: water, heating and cooling systems , reverse osmosis systems , desalination plants . The instrument has CAL CHECK function , optional dedicated NIST standard solution can always check the instrument 's performance to determine whether the calibration again. Convenient and user-friendly instrument to confirm the operation can ensure a good calibration. Logo design to ensure the unique positioning of each cuvette into the cuvette position consistency. Cuvette designed to facilitate larger diameter added to the sample and reagents. Instruments are factory calibrated , excellent optical system design of the instrument does not have to frequent calibration.

Second, the test water hardness, water hardness testers characteristics

Water hardness tester is commonly used [food lab equipment](#).

1 , high-precision measurements , simple steps, excellent water resistance and light dust measurement system , it has a wide range of laboratory , field measurements applicability. Prompts to guide the daily operations , and the instrument has a low battery indicator and automatic shutdown feature.

2, READ / TIMER function

Countdown function, to ensure consistency of the reaction time , the type of a user operation to avoid the generation of reaction time differences .

3, Calibration Date on Display

Instrument is calibrated , it will automatically update the data , they can always access the calibration information, in accordance with ISO and GLP laboratory management requirements.

4 , humane display interface , simple operation, easy to read two-line LCD display , excellent waterproof performance, apply to both laboratory and field use, with user calibration function , an optional calibration set can be precisely calibrated .

5, EPA standards , GLP management function, automatic power-saving shutdown mode

Second, the test water hardness, water hardness testers technical parameters:

Water hardness tester is commonly used [food lab equipment](#).

1 , range

Full range : 0 to 750mg / L CaCO_3

LR: 0 to 250 mg / L CaCO_3

MR: 200 to 500 mg / L CaCO_3

HR: 400 to 750 mg / L CaCO_3

2 , resolution

1 mg / L (0 to 100 mg / L); 5 mg / L (100 to 750 mg / L)

3 , precision

± 5 mg / $\pm 4\%$ L or reading (0 to 250 mg / L);

± 7 mg / L or reading $\pm 3\%$ (200 to 500 mg / L);

± 10 mg / L or reading $\pm 2\%$ (400 to 750 mg / L)

4 , the optical system

LED 466nm, silicon photovoltaic cells photodiode

5 , power supply

1 x 9V battery

6, the use of the environment

0 to 50 ° C (32 to 122 ° F); RH max 95% non-condensing

7 , Size & Weight

192 x 102 x 67 mm; 290g