

MEASURING INSTRUMENTS

Horn Analyzer

Impedance analyzer is the instrument applicable for measuring impedance-vs.-frequency and phase-vs.-frequency characteristics of complex impedance electrical components, as for instance: ultrasonic devices, piezoelectric ceramics and piezoelectric transducers for ultrasonic cleaners and ultrasonic plastic welders, underwater acoustic transducers, sensors, magnetostrictive transducers, and for many other industrial and medical applications.

The instrument which can easily replace much more complex and more complicated, also many times more expensive instruments from Agilent/HP, as for instance: HP Impedance Gain-Phase Analyzer 4294A, Agilent E5100A, Network Analyzer, HP 3563A, Control System Analyzer etc. It is also very easy to use HS70A-80A (by engineers or ordinary production workers).



Item No	HS520A
Product feature	Portable, 8inch screen, Full touch screen
Dimension	L24cm, W19cm, H10cm
Frequency range	1KHz~500KHz
Measurement Index	All the parameters, the graph
Measurement Accuracy	< 0.5%
Measurement Speed	5s/one pass (600scan point)
Frequency Accuracy	± 10ppm
Phase Resolution	0.15 degree
Environment Temperature	10 ~ 40degree centigrade
Impedance Range	1 Ω ~ 1MΩ
Frequency Step	0.1Hz ~ any
Power Supply	AC100V ~ AC250V, 50 ~ 60Hz, 30W
Application	Ultrasonic device

Ultrasonic amplitude measuring instrument

Delicate design
Reasonable structure
Simple operation
Accurate measurement
Can replace the laser measuring device



Consistent and correct amplitude is one of the most important factors in achieving a high-quality ultrasonic weld. The Amplitude Gauge makes measuring and setting that amplitude easy.

Applications

Ultrasonic Amplitude Measuring Instrument is used to measure the amplitude of ultrasonic equipment.

Competitive Advantage

The measuring instrument of ingenious design, reasonable structure, simple operation, accurate measurement
Easy operation, wide applicability, no plug
Compact design, reliable work, can directly replace the laser measuring instrument
Quality assurance, sufficient stock, fast delivery

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Ultrasonic sound intensity measuring instrument

Description

This equipment is used for ultrasonic measurement of energy distribution and frequency in ultrasonic cleaning baths and ultrasonic sonochemistry process.

Our instruments provide an accurate and repeatable measure that incorporates such as energy intensity, ultrasonic waveform, frequency, max, min, time, etc.



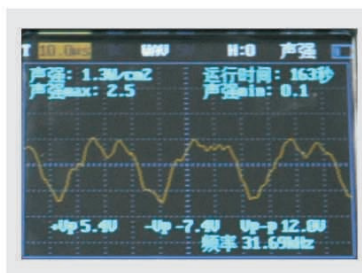
Advantages

Accurately measuring energy and frequency in ultrasonic cleaning baths, emulsification, extraction, dispersion effect.

Reasonable structure, simple operation.

Accurate measurement.

Rechargeable design, packaging is simple and easy to carry.



Precision data display



Standard data display

1 Automatic reset function, to ensure the sound intensity in a reasonable set of measurements.

2 digital / analog clock and calendar display.

3 storage / read up to 160 groups of sound intensity measurement parameters.

4 Achieve one click automatic measurement, automatic display of the sound value and waveform.

5 digital readout sound intensity, running time, Vp-p, +Vp, -Vp, F, T, WAV and setting parameters.

6 USB data transmission interface, easy to achieve with the computer data according to the format.Txt.

7 320 x 240 LED backlight with 3.5 inch color LCD display

8 built-in 2300mAh lithium battery pack, outside with AC power adapter.

1 LCD screen, can show the data immediately, easy to read

2 Rechargeable Battery

