

19 Welding Monitor

HD-100B Welding Current Monitor

Product Features

- Applicable to various types of resistance welding machines, it helps to improve the quality of welding.
- Welding current, welding time and lead angle data can be monitored.
- Automatic detection of defective products by setting current and welding time ranges.



HD-400B Universal Comprehensive Welding Monitoring

Product Features

- It can detect various types of resistance welding machines and help improve welding quality.
- It monitors and determines key values such as welding current, voltage, power, welding time, pressure, displacement, etc., and saves about 5 million pieces of welding key data, preventing unstable welding, which can lead to defective products flowing into the next process.



Monitor Specifications

Model	HD-100B	HD-400B
Input Power	AC 220V	
Measurement Model	AC /AC Inverter/DC Inverter/Energy Storage/Transistor Type	
Number Of Welding Specification	32 Group Norms	
Measurement Range	Current Range	0.1-199KA
	Voltage Range	/ 0.1-20V
	Power Range	/ 0.1-300KW
	Power On Time	1-6000ms
	Conduction Angle	1%-100% /
	Displacement Range	/ Depending on the sensor range(24V supply,0-10V output)
	Pressure Range	/ Depending on the sensor range(24V supply,0-10V output)
Data Storage	/	Stand-alone 5 million pieces/Upper system unlimited
Current Accuracy		≤1%
External Communication Protocol	RS-232/RS-485/Ethernet (Tcp-IP)	
Supported Languages	Chinese/English	Chinese/English/Japanese
Sizes	75*195*179.69mm	242*200*95mm
Operating Temperature	/	-15-50°C
Ambient Temperature	/	≤90% (no condensation)