IAS-PM01 Series

Portable Measurement Intelligent Analysis

Compressed Air Analysis Kit - Power



Product Overview

IAS-PM01 is a portable power measurement kit for compressed air systems. It has a built-in large-capacity lithium battery and a standby time of more than a week. Flexible Rogowski coil can be easily installed even in small spaces. Universal current up to 1000 A, no need to match different current transformers according to on-site working conditions. It can measure power, electric energy, current, voltage and power factor, etc. Each sensor connector has a unique set-and-forget socket, eliminating the need for any complicated and professional wiring skills

Large capacity battery
Super long standby

4G module for
remote monitoring

Rogowski coil
Easy installation

Technical Data

Voltage Input	
Voltage Input	80 … 620 VAC (P-P)
Current Input	10 ~ 1000 A
Frequency	45 ~ 65 Hz

Operating Environment	
Storage Temperature	-40 … +85 °C
Humidity	5 … 95% RH @ 50°C (Non- condensing)

Accuracy	
Voltage	0.2 %
Current	0.5 % (10~1000 A accuracy not guaranteed for current below 10 A)
Power Factor	±0.005
Active Power	IEC62053-22 Class 0.2
Active Energy	IEC62053-22 Class 0.2S

Others	
Wiring Methods	3PH3W
Weight	7.8 kg
Size	431 × 285 × 123 mm (L×W×H)
Material	PP

EMC			
Electrostatic Discharge	Level IV (IEC61000-4-2)	Conductivity Resistance	Level III (IEC61000-4-6)
Radiation Immunity	Level III (IEC61000-4-3)	Magnetic Fields Immunity	0.5mT (IEC61000-4-8)
Rapid Transient Immunity	Level IV (IEC61000-4-4)	Conducted & Radiated Emissions	Class B (EN55022)
Surge Immunity	Level IV (IEC61000-4-5)		

Order Information

Model	Description
IAS-PM01	Compressed Air Audit Suit – Power Meter