IAS-PM01-Lite Series

Portable Measurement Intelligent Analysis

Lite Compressed Air Analysis Kit - Power



Product Overview

IAS-PM01-Lite is a portable power measurement kit for compressed air systems. Optional 4G module enables remote monitoring. Optional Wi-SUN module can be paired with the F351x-P to enable on-site data collection, set-and-forget installation and setup, plug and play.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

Optional 4G / Wi-SUN module

Rogowski coil Easy installation

Handheld Taken anywhere

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 Energ	IEC62053-22 Class 0.2S

Others	
Wiring Methods	3PH3W
Weight	4.2 kg
Size	410 × 335 × 145 mm (L×W×H)

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-Lite01	Lite Compressed Air Audit Suit – Power Meter, built-in 4G-IoT module
IAS-PM01-Lite02	Lite Compressed Air Audit Suit – Power Meter, built-in Wi-SUN-IoT module