

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		Operating Environment	
Voltage Input	80 ... 620 VAC (P-P)	Storage Temperature	-40 ... +85 °C
Current Input	10 ~ 1000 A	Humidity	5 ... 95% RH @ 50°C (Non- condensing)
Frequency	45 ~ 65 Hz		
Accuracy		Others	
Voltage	0.2 %	Wiring Methods	3PH3W
Current	0.5 % (10-1000 A 10 A accuracy not guaranteed for current below 10 A)	Weight	7.8 kg
Power Factor	±0.005	Size	431 × 285 × 123 mm (L×W×H)
Active Power	IEC62053-22 Class 0.2		
Active Energy	IEC62053-22 Class 0.2S		
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

Diagram of Comprehensive Monitoring with Compressed Air Energy Efficiency Kit

- **IAS-FS01**

Compressed Air Analysis Kit - Flow

- **IAS-DPx Series**

Compressed Air Analysis - Dewpoint

- **IAS-PM01**

Compressed Air Analysis - Power



Easy Installation



Wireless deployment, distributed installation, plug and play, set-and-forget operation



Support unlimited expansion of node

Easy Operation



View data remotely without manual inspection; Build-in large-capacity battery allows remote monitoring of battery power



Complete the measurement in 3 steps, use AI intelligent analysis to directly give reforming opinions, and generate intelligent reports with one click