Flue-Gas Preprocessor

YQ-1232A

Overview

The YQ-1232A filters dust from, heats and condenses moisture out of wet flue gas. It uses a microcontroller and is intended for field conditions.



Technical specifications

Parameter	Value
Heating temperature	60-160 °C, accuracy ±5 °C
Cooling temperature	0-9 °C
Sampling-probe length	0.8 m
Power supply	DC 24 V 10 A
Unit power	<110 W
Unit weight	<3.0 kg

Technical features

- Microcontroller operation and rapid dewatering.
- Integrated, portable design.
- Stainless-steel sintered filter element and PTFE tubing in the main gas path.
- Ring heating rapidly heats the measured gas.
- A double-layer Peltier cooling section separates gas and liquid.

Standards listed in the brochure

- HJ/T 47-1999 - Technical requirements for flue-gas samplers
- HJ 57-2017 - Stationary-source waste gas: sulfur dioxide determination by fixed-potential electrolysis

Standard accessories

- Carrying case

Source and review notes

- The accessory illustration labels only a carrying case; the complete delivery contents require confirmation.
- Standards and technical values are transcribed from the brochure and have not been independently verified.
- English translation has not received native-speaker technical review.