Integrated Particulate Sampling Probe (Coupled Type)

YQ-1230

Overview

The coupled YQ-1230 integrates flue-gas sampling, dry/wet-bulb moisture measurement, Pitot tube, filter-cartridge, filter-membrane and oil-fume sampling. The sampling head is heated for high-humidity conditions.



Technical specifications

Parameter	Value
Heating temperature	100-120 °C; accuracy ±10 °C
Sampling-probe length	1.5 m (other lengths customizable)
Power supply	DC 24 V 5 A
Sampling-probe material	Titanium alloy / stainless steel

Technical features

• Titanium-alloy or stainless-steel integrated design.
• Switchable filter-cartridge, filter-membrane and oil-fume sampling.
• Built-in dry/wet-bulb moisture module and simple flue-gas sampling tube support simultaneous particulate and gas sampling.
• Adjustable heated sampling head.
• Overall length 1.5m; other lengths customizable.
• Quick-insertion coupling and separately designed sampling-probe handle.
• Different dry/wet-bulb measurement modules are optional.

Standards listed in the brochure

• HJ/T48-1999 - Technical requirements for particulate samplers
• HJ 836-2017 - Stationary-source waste gas: low-concentration particulate determination by gravimetry
• DB37/T2537-2014 - Title contains damaged or missing characters in the brochure
• GB18483-2001 - Emission standard for cooking oil fumes

Standard accessories

• Sampling probe
• Fabric sleeve
• Sampling nozzle

Source and review notes

• The DB37/T2537-2014 title contains damaged characters in the brochure; the missing text has not been guessed. The standard number and current validity were not independently verified.
• The brochure describes a built-in dry/wet-bulb module but also offers different modules as options; actual configuration requires confirmation.
• This coupled type is recorded separately from other YQ-1230 variants.
• English translation has not received native-speaker technical review.