Integrated Particulate Sampling Probe (Form Unspecified)

YQ-1230

Overview



The 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. The brochure does not specify this variant’ s form.

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.
• Different dry/wet-bulb measurement modules are optional.
• Maximum sampling-head dimension <75 mm.

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 - Shandong stationary-source waste gas: low-concentration particulate determination by gravimetry
• GB18483-2001 - Emission standard for cooking oil fumes

Standard accessories

• Sampling probe
• Fabric sleeve
• Sampling nozzle

Source and review notes

• The brochure does not identify the form of this variant; it is recorded separately from the coupled type on physical page 40.
• The brochure describes a built-in dry/wet-bulb module but also offers different modules as options; actual configuration requires confirmation.
• Standards and specifications are transcribed from the brochure and have not been independently verified.
• English translation has not received native-speaker technical review.