Four-Channel Vacuum-Box Gas-Bag Sampler

YQ-1110D

Overview

The YQ-1110D vacuum-box gas-bag sampler was developed according to HJ 604-2017. It uses a negative-pressure vacuum box to collect gas passively. Its integrated design independently controls sampling of four samples.



Technical features

- Integrated waterproof case and negative-pressure vacuum-box sampling, with independent control of four bags.
- Built-in solenoid valves allow automatic cleaning and sampling for each of four bags, with timed sampling selectable.
- Polytetrafluoroethylene gas path reduces sample contamination.
- Pressure-relief valve assists bag removal.
- Transparent upper cover shows bag status.
- Built-in lithium battery supports approximately 120 gas-bag samples at most.
- Suitable for 1 L gas bags.
- Optional printer for field sampling records.
- High-brightness 5-inch touchscreen.
- Optional telescopic extension rod removes the need for a tripod.

Standards listed in the brochure

- HJ 732-2014 - Stationary source waste gas: VOC sampling by gas-bag method
- HJ 1261-2022 - Stationary source waste gas: benzene-series compounds by gas-bag sampling and direct-injection gas chromatography
- HJ 38-2017 - Stationary source waste gas: total hydrocarbons, methane and non-methane hydrocarbons by gas chromatography
- HJ 604-2017 - Ambient air: total hydrocarbons, methane and non-methane hydrocarbons by direct-injection gas chromatography

Standard accessories

- Main unit
- Telescopic rod
- Polytetrafluoroethylene tube
- Charger

Optional accessories

- Printer
- Gas bags

Source and review notes

- The brochure has no separate technical-specification table for this model.
- The features describe a telescopic extension rod as optional, while the accessory illustration lists a telescopic rod as standard; configuration requires confirmation.
- Standards have not been independently verified.
- English translation has not received native-speaker technical review.