

ecom-J2KNpro TECH

MOBILE ACCURACY BASED ON FOUR MEASURING METHODS.

- Mobile emission analysis using physical measuring methods
- Physical measuring methods can be freely combined with each other and with electrochemical measuring
- Measuring methods can be combined based on accuracy/continuous measurement requirements
- Wide-range radio remote control
- Sample gas cooled multiple times
- Durable aluminium housing fitted in an aluminium-framed case
- Maximum equipment possible with the indicated gas components
- Heated sampling probe with prefilter (optional)
- Heated sample gas line (optional)
- High-performance sample gas pump
- Multi-level sample gas filtering
- Electronic condensate monitoring

ecom-J2KNpro TECH Emissions Analyzer

- Free configuration of the required gas sensors (O₂ sensor is part of the standard delivery)
- Equipped for continuous measurement in plants with programmable measuring intervals.
- Built-in thermal quick-printer
- Interior heating/ventilation cooling depending on the environment in which it is used (0-40°C ambient temperature)
- Comprehensive data processing options (including data transfer via Wi-Fi)
- Stainless steel sample gas cooler for perfect, dry gas treatment
- Electronic condensate monitoring and automatic condensate draining
- Status display showing basic features, settings and alerts
- Delivered in an ultralight, durable aluminium housing
- T-Room sensor/ T-Room stick
- Spacious, rollable transport case
- Includes filter, printer paper etc.; all filters and consumable materials can be replaced by the user
- Free PC software

Radio Remote Control (included in standard delivery)

- Wide range for bridging distances between the measuring point (exhaust opening) and adjustment point (e.g. burner, switch cabinet etc.)
- Includes thermocouple, mini-USB connection (data transfer to laptop/PC), SD card slot
- Back-lit foil keypad with high-quality color TFT display
- Display, printing and storage of measurement data
- Full instrument operation (including starting and terminating measurements, data processing, ...)
- Reliable data transfer via radio (best-possible prevention of interferences, bypassing of metal or concrete obstacles, automatic connection establishment, no abrupt disruption of connection with maintenance of all measuring data, as well as automatic connection and re-establishment of a radio connection)

Accessories (amongst others)

- Different filter options - including for intensive solid fuel measurements
- Various temperature feeler gauges (contact sensor, surface sensor, ...) for differential temperature measurements (e.g. flow temperature and return temperature)
- Additional probe attachments (high temperature) or heat shield
- Trolley for easy transport



Heated Sampling System

- Heated sampling probe including PTFE filter and thermal element for measuring the temperature of the gas
- Heated sample tubing for loss-free gas transportation (adjustable temperature)
- Includes aluminum frame carrying case - integrated into the ecom-J2KNpro-TECH transport system

Dimensions (W x H x D) 500 x 650 x 250 mm

Weight approx. 23 kg (total weight in aluminium-framed transport case)

Measurable Gases

O ₂	CO	NO	NO ₂	H ₂ S
H ₂	CO%	CO ₂	C _x H _x	CO%
SO ₂	C _x H _x	NO	NO _x	NO ₂

■ = Base; ■ = Optional EC, ■ = Optional IR, ■ = Optional CLD/PAS



Testing according to
DIN EN 50379-2
and 1st. BImSchV.



WARRANTY

- 10 years warranty - aluminium housing, spare parts availability, free software updates