

ecom-J2KNpro EASY

POWERFUL EMISSIONS ANALYZER WITH RADIO REMOTE!

- Radio remote control with wide range of features
- Up to 50 m stable coverage by free sight
- Gas cooler for the perfect NO_x/SO₂ measurements (depending on type)
- Durable aluminium housing fitted in aluminium framed case
- Up to 6 sensor options (Longlife sensors)
- High-performance sample gas pump (2.6 liters/minute)
- CO sensor overload protection without interruption of the measurement
- Multi-level sample gas filtering
- Electronic condensate monitoring
- Built-in soot measuring
- Instrument-internal heating
- Backlit display and keyboard

ecom-J2KNpro Emissions Analyzer

- O₂ / CO (H₂ comp.) Longlife sensors (more than 4 years of operating life with normal load)
- Automatic CO shut-off and flushing (without interruption of the measurement)
- Condensate trap or sample gas cooler including electronic condensate monitoring (depends on equipment package)
- Automatic condensate draining
- Built-in thermal quick-printer
- With high-quality sampling probe including thermocouple cone and 3-chamber sampling hose
- Status display reflecting basic features, settings and alerts
- Delivered in an ultralight, durable aluminium housing
- T-Room sensor/ T-Room stick (at choice or depending on equipment package)
- Built-in soot measurement (included in standard delivery depending on application)
- Spacious aluminium-framed transport case with comfort shoulder strap
- Calibration certificate - issued after 100% sensor calibration in the climate test chamber
- Free PC software

Radio Remote Control (included in standard delivery)

- Wide range for bridging distances between the measuring point (exhaust opening) and the 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 manual CO shut off, 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)

Options (amongst others)

- NO_x - calculation via NO sensor or NO_x measurement (NO + NO₂ sensor) available
- Additional sensor options (SO₂, H₂S, H₂, CO%)
- Higher resolution and accuracy in the NO_{Low} (0-500 ppm) or NO_{2 Low} (0-100 ppm) range
- C_xH_y measurement via catalytic measuring method (Pellistor)
- Measurement draft
- Wi-Fi data transfer
- Probe tubing available in lengths between 3.5 m (standard)



- and 10 m
- Exchangeable probe tips in different lengths between 250 and 1500 mm (high-temperature and flexible tips also available)

Accessories (amongst others)

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

Dimensions (W x H x D) 440 x 300 x 250 mm or 500 x 330 x 250 mm (depending on version)

Weight approx. 12 kg (in transport case)

Measurable Gases

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

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



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

WI-FI OPTION - ECOM-REMOTE APP (IOS UND ANDROID)

Wireless data transmission via Wi-Fi connection

- Free download in Google Playstore or App Store
- Direct connection with PC/ Laptop/ Smartphone
- Monitoring of printout and CO switch-off via App
- Customer data input
- Customer specific storage of measurement results
- Data export as a PDF file or as *.csv file, among others by e-mail or by any data cloud

