

Solid Fuel Types Measurement

Safety equipment

The flue gas resulting from solid combustibles combustion contains various toxic substances (dust and organic compounds) which can harm the sensors of an instrument. The models of the ranges ecom-EN2 and ecom-J2KNpro are particularly suitable for solid combustibles combustion analysis. The following filtering solutions will optimally protect them:



All inclusive



Safety First



Combination of gas washing bottle and Peltier cooler

Perfect filtering combined with perfect gas preparation – not suitable for the measurement of NO_x (NO_2) and SO_2 due to the water-solubility of these substances.



Mini filtering plate with multistep gas process (plate hooked at analyser)

Gas drying in the water trap – Pre-filtering thru fine dust filter – Additional drying thru silicate gel – Sensor-toxic, organic compounds captured by the hydrocarbon filter.



Filtering case

The operation principle is the same the mini filtering plate applies. Sole difference is the size of the drying/filtering cartridges which is a significantly larger one.

Further specifications/information to these items to be found on the respective analyser product sheet.



Giant Displays

- Ideal for training purposes with instruments of the ecom-EN2 and ecom-J2KNpro ranges.
- Each with nine labelled channels: O_2 , CO, Verluste (losses), CO_2 , NO, NO_x , T-Gas,
- T-Raum (T-Room), Lambda
- Dimensions: approx. 620 x 500 x 65 (H x W x D in mm)
- Weight: approx. 3 kg
- With mains power cable 2 m

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Item no.	Description
100901	Giant display with ecom logo, power supply connection on the lower side
101545	Giant display without ecom logo, power supply on the back, with data cable (length 2 m)
1040030	Data interface box – for connection to instruments of the ecom-J2KNpro range via radio connection
100811	Bluetooth adapter for giant display –requires Bluetooth option at instrument
100489	Connection cable for ecom-EN2 range – length 7 m
100834	Connection cable for ecom-EN2 range – length 10 m

Tip: Via the Wi-Fi option of ecom-EN2 resp. ecom-J2KNpro ranges, measurement data can also be transferred wireless to the ecom PC software and displayed on giant displays/beamer, etc.