ECOM® • J2KN pro •

Quick Guide

version 3.3.3

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w w w . e c o m u s a . c o m

Draft/Pressure connection

Main gas connection

Info display

Thermocouple connection

Draft/Pressure connection

Ambient air temperature sensor

Data cable socket (used by ECOM personnel only)

Analogue inputs (optional)

ON / OFF button

Pitot tube connections

Heated line power supply connection (optional)

Auxiliary temperature connections

Filter for IR bench (if applicable)

NOx/SOx filter for CO sensor

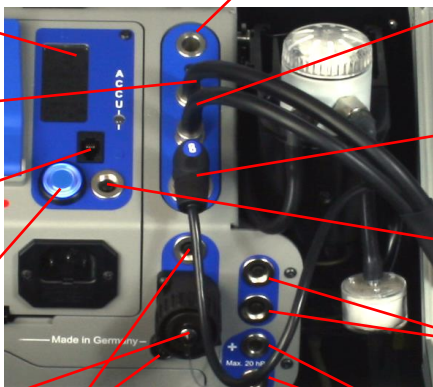Fresh Air Bypass Switch (Pro IN only)

Water trap drain hose connection

On-board printer

Under case (optional)

Trolley w/ wheels (optional)

Remote Display Unit (see next page)

Power cord socket

Air temperature connection (not an antenna)

Memory card slot

LCD display screen

O2	2.1	%
CO2	0.0	%
CO	150	ppm
H2	0	ppm
NO	54	ppm
NO2	1	ppm
CxHy	250	ppm
T.Gas	571.1	°F
T.Air	71.1	°F

Gas analysis | 06:41 PM 01.15.10
CO

USB connection

ecom®

Function Keys

1 F1   2 F2   3 F3   4 F4

Turn on/off data logging

5

6

7

Display Backlight ON/OFF

Up/Down/Right/Left and Scroll

8   9

0

OK (press to confirm)

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Escape

ON/OFF

Press to add custom text to printout (To print real-time results, simply press F2)

Data cable sockets (used by ECOM personnel only)

Note: All keypad buttons are used for input of numbers 0-9 and decimal point

Info display

Main pump is running	ⓟ
Fresh air valve is open	
CO purging is running	►CO
Gas cooler ready for use	✓
Heated line ready for use	✓
Probe heating is switched on	
Heated head ready for use	
Calibration phase	CAL

ltr / min 2.24
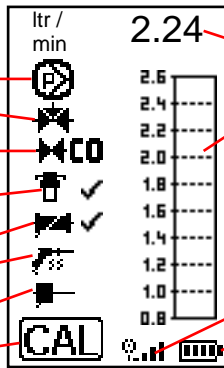
Gas flow (liters per minute)

2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8

Radio mode

Battery operation

Consumables

	PART	PART #	DESCRIPTION
	Particulate Filter (10/PK)	3015840G	10/PK - Particulate filter located on top of water trap assembly
	In-line Smoke Filter (1 EACH)	7118501H	1 EACH - Standard 3/4" in-line filter in clear plastic casing.
	Soot Test Paper (100/PK)	3003168G	100/PK - Round smoke test filters for smoke dot test
	Soot Test Chart	3002970G	Soot Test Chart with 0-9 Grayness Scale
	NOx/SOx Filter Media (1LB)	3014457G	1LB - NOx/SOx filter media refill container (purple beads)
	Thermal On-board Printer Paper (5/PK)	7927401H	5/PK - Printer paper for on-board thermal printer