e-POD
Endurance Fuel Rig Systems

Specification Includes

Large 15" Full Colour Display
Touch Screen Keyboard
Wifi Connection to Local Network
Switchable Units kg/lbs - 'C/'F
IP66 Front Panel
Heavy Duty Aluminium Construction

Modules

Wireless Fuel Rig Scale
Wireless Automatic Fuel Timer
Wireless Fuel Temperature
Wireless Ambient Air Temperature
Powerful 2.4GHz Transmitters
Typical battery life: 7-21 days

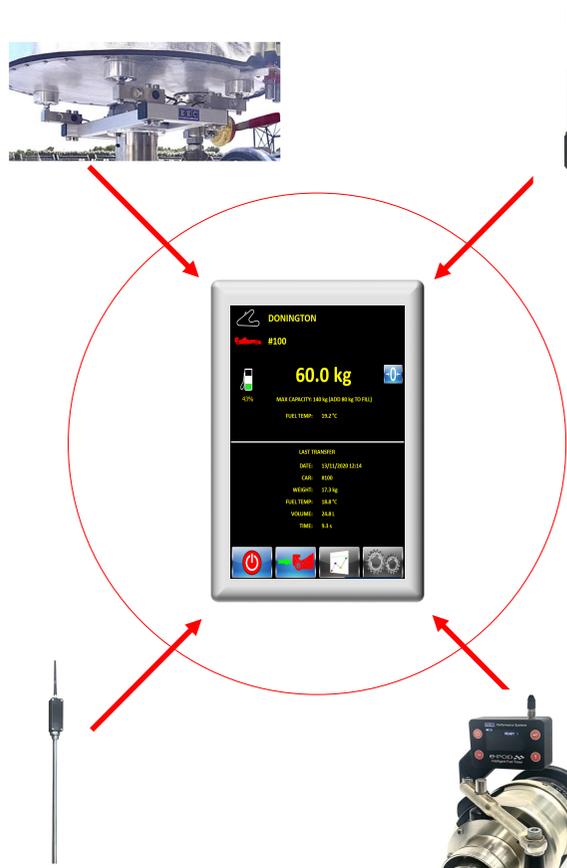**(See individual Modules for their Specifications)**

Options

Wireless Rig Scale Adaptor
Custom Sensors

If you already have rig scales, we can supply an A/D Module to convert them to wireless for you!

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Wireless Endurance Fuel Rig Schematic

Powerful Encrypted 2.4GHz Transmitters

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Wireless Endurance Fuel Rig System

DONINGTON
#100

60.0 kg

43%

MAX CAPACITY: 140 kg (ADD 80 kg TO FILL)

FUEL TEMP: 19.2 °C

LAST TRANSFER

DATE: 13/11/2020 12:14
CAR: #100
WEIGHT: 17.3 kg
FUEL TEMP: 18.8 °C
VOLUME: 24.8 L
TIME: 9.3 s

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Innovation

EEC Performance Systems have developed a completely wireless endurance fuel rig monitoring and logging system.

The E-POD System is completely modular, which means you only buy the items you require, with the option to buy other modules in the future.

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15" Full Colour Touch Screen display

Modules

All modules are completely wireless & currently include:

Fuel Rig Scales to monitor and record Fuel Weight
Fuel Timer to monitor and record Fuel Time and a Calculated Fuel Volume
Fuel Temperature
Ambient Air Temperature

If you already have rig scales, we can supply an A/D Module to covert them to wireless for you!

The modules report back to a 15" Full Colour Touch Screen display, designed to be mounted into your garage walling, adjacent to the fuel rig.

The screen displays the current weight of fuel in the rig tank as well as fuel and air temperature. It also shows a comprehensive record of the last fuelling stop.

The logging is a semi automatic procedure, initiated with the press of one button to record the fuel weight before fuelling and then completed with the press of another button to confirm the end of the process.

There is also a simple procedure to record the amount of any fuel in the vent hose.

Logging

The system also records the location, car, date and time each fuelling stop.

Unlimited fuelling stops are recorded in an internal totals database which can be displayed or downloaded any time.

They can even be emailed directly to the Engineers laptop!

Accuracy

The E-POD System utilises our track proven ATC system, which automatically compensates for any weight variation at whatever race circuit you are in the world.

Also, there is a simple zero calibration routine available to the operator to ensure that each time the rig is assembled and empty of fuel a true zero can be achieved.