



Energy • Technology • Control



ETC6000 Series Burner Control System

# ETC6076 Burner Management Touchscreen Interface

The ETC6076 is cutting edge Burner Management Touchscreen Interface that perfectly complements the ETC6000 range of Integrated Burner and Electronic Ratio Controllers which sets the standard for smart combustion control.

## Features:

- **7" TFT Display:** Large, clear touchscreen with 800 x 480 resolution.
- **User-Friendly Interface:** Intuitive operating system, including an online help function.
- **Simple Installation:** Connect easily with a 4 Wire CANBus system.
- **Third-Party Integration:** Ability to interface with third party systems.
- **Robust Design:** IP65-rated front panel for enhanced protection when installed in a boiler control cabinet; rear side IP20-rated.
- **Secure Access:** Password-protected commissioning and site operator modes with full access to operating parameters.
- **Global Usability:** Multi-language capability to suit international needs.
- **Real-Time Data Visualisation:** Comprehensive graphical representation of all controlled elements.
- **IoT-Ready:** The Ethernet-enabled system integrates seamlessly with IoT frameworks, providing enhanced connectivity for remote monitoring and control."
- **Pre-emptive Analytics Support:** Real-time data logging and graphical representation facilitate pre-emptive maintenance, reducing downtime and operational costs.

## Benefits:

- **Automatic System Backup:** Safeguard all system parameters and profile points, enabling data transfer during controller replacements.
- **Ethernet Compatibility:** Streamline connectivity with Ethernet-enabled operations.
- **USB Functionality:** Convenient local software updates and diagnostic downloads via USB.
- **In-Depth Data Logging:** Real-time logging, complete with graphical data representation.
- **Extensive Alarm and Event Logs:** Easily track systems performance through a detailed history log.

**ETC's wealth of experience, together with market research and customer feedback, has enabled the engineers at ETC to produce an innovative interface that will appeal to all users from installation and commissioning engineers through to the end-users.**

The large 7" TFT display incorporates all the features of the standard membrane interfaces plus many more. Functionality is no longer restricted by the number of keys or display characters available on a conventional interface. The touchscreen has been developed in line with ETC's philosophy to develop new products that use similar operating conventions to legacy products. Both new and existing users will find the touchscreen intuitive in its use and operation.

The home-screen shows, the current operating status, the values of any installed pressure or temperature sensors and any alarm conditions are also displayed.

During burner start-up a dedicated pop-up panel appears to indicate progress through the various stages of start-up from proving the closed positions of the drives through to modulation. On burner shutdown a similar panel is also displayed.

The menu at the side of the touchscreen allow users to initiate functions such as burner start/stop, alarm handling as well as navigating the various operational modes.

Other enhanced features include. Ethernet communications and a USB port for software to be updated locally.

By entering the password-protected commissioning mode, the touchscreen interface allows full burner commissioning to be carried out as well as allowing access to operating parameters that are used to configure the ETC6000 controllers to address a wide range of burner applications.

**For further information on the ETC6076 Burner Management Touchscreen Interface contact ETC today for bespoke solutions tailored to your needs.**

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