ENTRY-POINT ADVANCED THERMAL IMAGING CAMERA

The latest addition to **FLIR Systems'** Exx-Series of advanced thermal imaging cameras for electrical, mechanical, and building applications the entry-level FLIR E53 offers the same image clarity, measurement accuracy, and many of the robust features as other models in the Exx lineup.

The FLIR E53 features a 4-inch touchscreen with a 160-degree viewing angle, to ensure users always have a clear view of the thermal image from any angle. Like the other Exx-Series models, the E53 offers significant improvements to FLIR's MSX technology, utilising a 5-megapixel visual camera for improved image clarity, perspective, and readability. The E53's 240x180 resolution detector offers more than 43,000 points of temperature measurement and a high temperature range up to 1200°F (650°C).

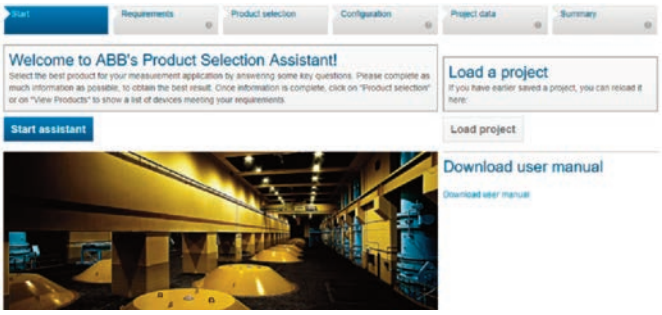
FLIR built the E53 with a rugged, water-resistant design to ensure it can withstand the tough environments technicians and contractors face every day. An agile user interface delivers intuitive operation and useful features such as 1-Touch Level/Span, which allows the user to improve contrast on their target just by touching the screen.

Tel: 01732 220011

EASY INSTRUMENT SELECTION

ABB has created an easy to use tool to help simplify the selection of temperature instruments for industrial applications.

Available at http://bit.ly/ABBtempselector, the product selector uses a step-by-step process, combining mandatory selections and optional dropdowns, to help users find the right device for their specific requirements.



The process begins with the user choosing whether they need an individual temperature sensor or transmitter or a complete system. Depending on their selection, the guide then adapts accordingly to offer different options. By inputting additional process data such as installation and environment information, the number of products is continuously refined.

Once all necessary information has been provided, a suggested product list is displayed. After picking the right instrument, users can make further configuration changes, including explosion protection, insertion lengths, type of connection heads and the addition of any accessories.

Tel: 0870 600 6122

PRESSURE TRANSDUCERS

Part of the company's range of pressure sensors and transducers, the new P3MB and P3MBP from **HBM** provide reliable and secure test results, of up to 3000 bar, with an accuracy class of up to 0.1.

Suitable for both static and highly dynamic measurement tasks, the latest series of pressure transducers from HBM provides a flexible solution. Reliably proven, the pressure transducers have been successfully used in a variety of diverse applications, ranging from transmission test rigs and diesel injection pumps to oil pressure measurements and hydraulic applications.

For measurements up to 15,000 bar, such as those required for hydraulic test benches, water jet cutting, and diesel injecting, the P3MBB BlueLine version features three different nominal pressure ranges (5,000, 10,000 and 15,000) and a 0.3 accuracy class.

Tel: 0208 515 6000

NON-CONTACT MEASURING FOR TEST RIG

To analyse the long term performance and reliability of hard working valves and pumps, Manchester-based Bifold Group has adopted radio frequency based torque transducers from **Sensor Technology** for two of its specialist test rigs

TorqSense transducers lend themselves to test rig uses because they are non-contact measuring devices. Attached to the surface of the transducer shaft are two Surface Acoustic Wave (SAW) devices; when torque is applied to the shaft the SAWs react to the applied strain and change their output.

The SAW devices are interrogated wirelessly using an RF couple, which passes the SAW data to and from the electronics inside the body of the transducer.

Tel: 01869 238400