Large Scale Mattress Fire Test

firetesting technology

(CA TB 603; 16 CFR Part 1633)

Fire Testing Technology Limited
Charlwoods Road, East Grinstead, West Sussex RH19 2HL, UK
+44 (0)1342 323600 | sales@fire-testing.com | www.fire-testing.com
A Judges Scientific plc company

bsi. ISO 9001:2015 Quality Management
bsi. ISO 14001:2015 Environmental Management

Recently the California Bureau of Home Furnishings and the Consumer Product Safety Commission determined that all residential mattresses to be sold in the US must meet a large scale heat release test based on the dual burner shown here. **FTT** can offer the complete instrumentation to clients wishing to upgrade existing fire test facilities or to build their own test apparatus. In the later case **FTT** supplies a variety of modules, including a Gas Analysis Instrumentation Console, a duct section, a burner, a load cell and software/data acquisition.

The Console contains all the necessary instrumentation to measure heat release rates and other associated parameters. The specification of this instrumentation is the same for both large and small scale calorimeters and can therefore also be conveniently disconnected and used with the **FTT** Cone Calorimeter. The duct section contains probes for gas sampling and air velocity measurement along with smoke measurement equipment (white light or laser).

Unrivalled Experience in Design and Manufacturing

FTT's site in East Grinstead, is home to the largest group of fire scientists and instrumentation design engineers working on fire testing instrumentation, and is at the heart of our design and manufacturing. For more than 30 years **FTT** has provided the highest quality instruments and service for fire testing and research professionals worldwide, directly and through its extensive global sales and support network.

Quality

- World-class manufacturing in accordance with multiple international and national standards, including: EN, ISO & ASTM
- ISO 9001, ISO 14001 certified

Integrity

- A dedicated team passionate about fire testing instrumentation and continuous product improvement
- Delivering reliable, robust and easy-to-use instruments for the past 30 years

Excellence

- A world-class team made up of qualified fire scientists, mechanical, electrical and electronic fire instrument design engineers and production, installation and maintenance engineers

Global

- World-wide distribution network for global sales, installations, training, maintenance and technical support
- Leading global supplier of the Cone Calorimeter, Large Scale Calorimeter, NBS Smoke Chamber and Oxygen Index