



Affordable solution for Firefighter Safety!

Wahl Digi-Stem® with Multi-Probe switch saves budget and keeps first responders safe!

THE CHALLENGE

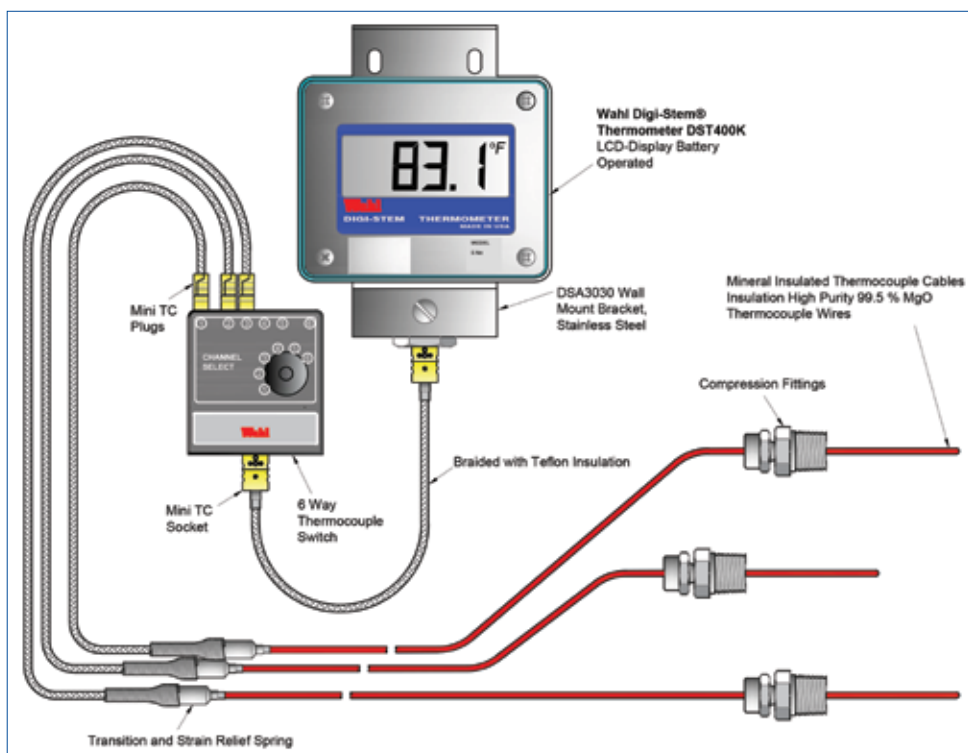
A training facility for firefighters and first responders utilizes two separate three zone burn chambers for simulating fire scenarios. The temperatures between each of the three zones vary greatly. In order to ensure safety for personnel and trainees, the facility needs to monitor the temperatures of the three zones in real time. Severe budget cuts meant the solution had to be reliable, accurate, and affordable.

THE SOLUTION

The Wahl DST400K Digi-Stem® Thermocouple Meter featuring a Multi-Probe Switch-box and custom Mineral Insulated Type K Thermocouple cable sensors which operate at temperatures up to 1700°F offers a great solution. Our engineering team drafted custom drawings to detail our proposed solution for a clear and concise explanation.

Using our Multi-Probe switch box eliminated the need for multiple displays, greatly reducing costs to the department. An easy turn of the selector knob allows the user to check the temperature of any zone whenever necessary. The large, easy to read display is mounted with our bracket outside of the burn chamber for on-demand monitoring.

Custom designed Type K thermocouples made from 316 Stainless Steel sheathed mineral insulated cable have good heat resistance up to 1700°C. This durable,



long lasting material will lengthen the useful life of the temperature probes.

THE RESULT

The facility is now able to accurately measure all critical temperatures for multiple locations at a single, central position - assuring safety for the firefighters and staying within budget.

For your own solution call us at: 1-800-421-2853 or email: sales@palmerwahl.com

