



TEMPERATURE MEASUREMENT SERIES

ENGINEERED TEMPERATURE MEASUREMENT

Four platforms for tube-wall, multipoint, surface, and nuclear in-core applications

Engineered temperature measurement solutions for demanding industrial and project-specific applications.

BDT-SKIN

Tube-Skin Thermocouples

Direct tube-wall temperature measurement for fired heaters, reformers, boilers, and superheater tubes.



Direct Tube-Wall
Measurement



Custom
Fabrication



High-Temperature
Service

Applications: Fired Heaters • Reformers • Boilers • Superheaters

BDT-MP

Multipoint Temperature Assemblies

Custom temperature profiling across multiple depths within reactors, columns, kilns, and large vessels.



Multiple
Sensing Points



Custom Depth
& Point Count



Process Profile
Visibility

Applications: Reactors • Columns • Kilns • Vessels

BDT-GT

Gasket-Mount Surface Thermocouples

Compact surface and interface temperature measurement for machinery and industrial equipment.



Surface / Interface
Measurement



Secure
Mounting



Flexible
Lead Routing

Applications: Machinery • Flanges • Compressors • Equipment Surfaces

BDT-NIC

Nuclear In-Core Temperature Measurement Systems

Project-engineered temperature measurement for defined nuclear reactor instrumentation applications.



PROJECT-SPECIFIC



In-Core
Measurement



Project-Specific
Engineering



Documentation
& Integration

Applications: Reactor Monitoring • Instrumentation Integration • Nuclear Projects

SELECT THE RIGHT PLATFORM



Tube Wall
BDT-SKIN



Multipoint Profile
BDT-MP



Surface / Interface
BDT-GT



Nuclear In-Core
BDT-NIC



ENGINEERED AROUND THE APPLICATION

Final configuration is selected around the measurement objective, operating conditions, sensor type, installation geometry, routing, termination, and project requirements.

