

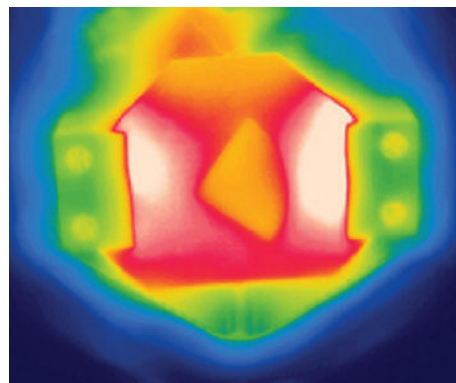
## AIRCRAFT NON-DESTRUCTIVE TESTING (NDT) KITS

### Features & Benefits

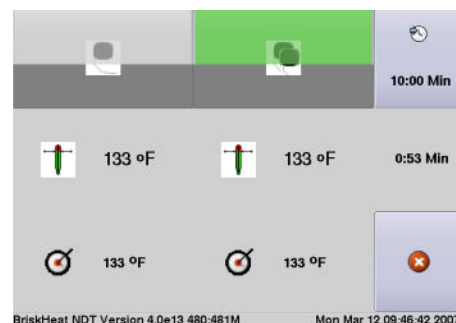
- ▶ All-in-one, portable kit for performing moisture intrusion testing on elevators and other aircraft components
- ▶ Dual 110/220 volt design — no transformer required
- ▶ Simple-to-operate pre-programmed touchscreen temperature controller
- ▶ Heating blankets are designed for the shape of your aircraft
- ▶ Plug-and-play — single plug-and-play connector from heater to the controller contains all power and sensor wiring
- ▶ Includes six, 9 in (229 mm) non-slip holding clamps
- ▶ Meets Method B in Airbus Non-Destructive Elevator Test Manual 55-20-07, 55-20-08, 55-20-11
  - A300-600
  - A320
  - A330/340
  - Your aircraft not listed? We can develop a solution for you.
- ▶ Portable and easy to transport — Controller and storage cases include handles and wheels
- ▶ Testing data easily saved to USB drive (included)
- ▶ Controller can either control one individual heater or two in tandem
- ▶ Rugged — Kit is enclosed in extra durable, high-impact hard cases. Heating blankets have strain relief built through the entire edge of the heater for increased durability



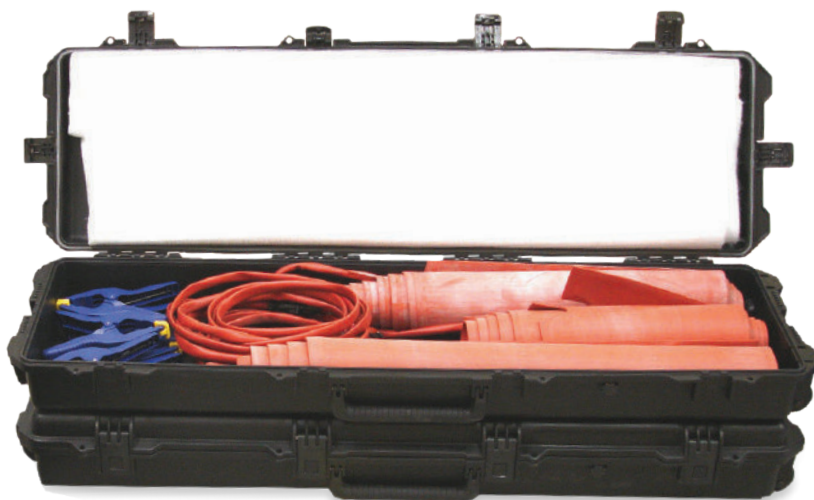
WARRANTY



Thermographic Camera Image



Easy-to-Use Full-Color Touch Screen Control



Airbus A320 Kit Shown

## AIRCRAFT NON-DESTRUCTIVE TESTING (NDT) KITS

### Specifications

#### Temperature Controller

**Input Voltage:** 100-240 VAC

**Temperature Control:** Preset locked ramp/soak (slope) temperature control. Provides automatic and independent temperature control per heater

**Temperature Readings:** Simultaneous reading of both heating blanket thermocouples

**Accuracy:**  $\pm 1.8^{\circ}\text{F}$  ( $\pm 1^{\circ}\text{C}$ )

**Alarms:** Visual or audible alarms for end of cycle, ground fault, temperature limits, and thermocouple failure

**Shut-down Cycle:** Auto shut-down of heater power at end of cycle

**Differential Ground Fault (Earth Leakage) Breakers:** Included

**Dwell Countdown Timer:** 13-minute

**Test Cycle Timer:** Independent 10-minute test cycle timer, manually triggered

**Maximum Process Temperature Protection:** Cycle will not start if process temperature is above  $140^{\circ}\text{F}$  ( $60^{\circ}\text{C}$ )

**High Temperature Process Shutdown and Alarm Temperature:**  $194^{\circ}\text{F}$  ( $90^{\circ}\text{C}$ )

**Post Cure Data Transfer:** Through USB port — USB flash drive included

### Ordering Information

#### Temperature Controller

Part No.	Description
NDTCONTROLLER	Temperature Controller (Kit B in Airbus NDT Manual 55-20-07, 55-20-08, 55-20-11)

#### Heating Blankets:

Part No.	Description
300BLANKETKIT	Airbus A300 Elevator Heating Blanket Kit (Kit A)
320BLANKETKIT	Airbus A320 Elevator Heating Blanket Kit (Kit A)
340BLANKETKIT	Airbus A340 Elevator Heating Blanket Kit (Kit A)

Different Aircraft? Contact us for a solution.

Need help getting a Thermographic camera? Contact us for assistance.



NDT Temperature Controller

#### Heating Blankets

**Voltage:** Dual voltage heaters; 110 or 220 volt

**Power Density:** 0.9 watts/in<sup>2</sup> (1400 watts/m<sup>2</sup>)

**Heating Element:** Durable, parallel-wired

**Temperature Sensors:** Includes two J-type thermocouples built into each blanket (1 primary, 1 spare)

**Power and Sensor Connection:** All power and sensor wires in a single connector (plug-and-play)



All storage cases have handles and wheels for easy travel



Compact Storage Cases Fits Easily Within Luggage Compartments