

Aircraft Non-Destructive Testing (NDT) Kits

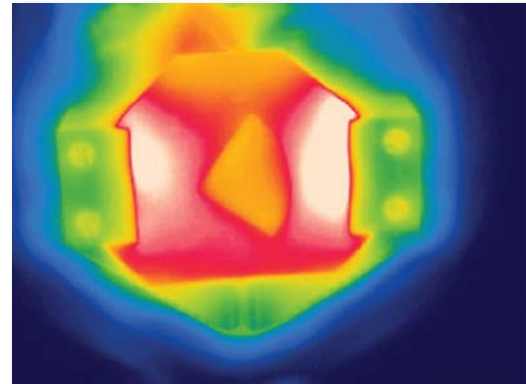
Perform Moisture Intrusion Testing on Elevators and Other Aircraft Components

Product Highlights

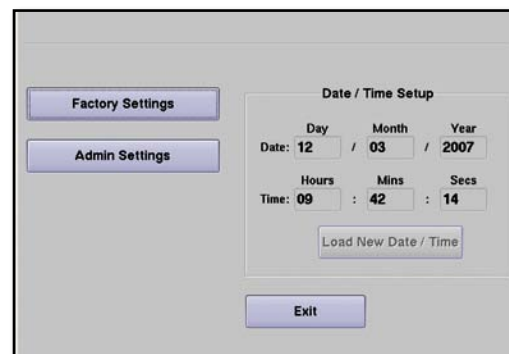
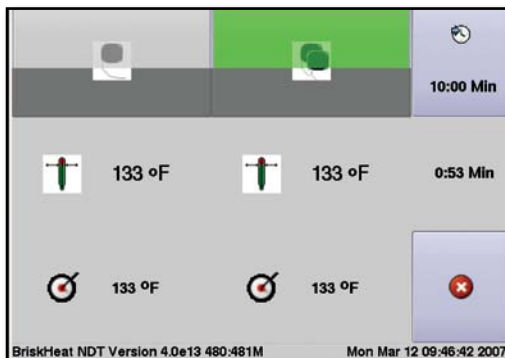
- ✓ The portable and easy heating solution for moisture intrusion testing on elevators and other aircraft components
 - Method B in Airbus Non-Destructive Elevator Test Manual 55-20-07, 55-20-08, 55-20-11
 - A300-600
 - A320
 - A330/340
 - Your aircraft not listed? We can develop a solution for you.
- ✓ Simple-to-operate pre-programmed temperature controller
- ✓ Dual 110/220 volt design - No transformer required
- ✓ Heating blankets designed for the shape of your aircraft
 - Durable parallel-wired heating elements
 - Two-year warranty



Airbus A320 Kit Shown



Thermographic Camera Image



Easy-to-Use Full-Color Touch Screen Control

Other Features

- Single plug-n-play connector from the blanket to the controller containing all power and sensor wiring
- Testing data is easily saved to a USB flash drive (included)
- Easy to handle, wheeled transport and storage case
- Heater blanket strain relief is built through the entire edge of the blanket for increased durability
- Includes six 9" (229mm) non-slip holding clamps

Aircraft Non-Destructive Testing (NDT) Kits continued

Specifications

Temperature Controller

- Universal voltage 100-240 VAC
- Dual zone will control one individual heater, or two heaters in tandem
- Automatic and independent temperature control per heater
- Preset locked ramp/soak (slope) temperature
- Accuracy $\pm 1^{\circ}\text{C}$ (1.8°F)
- End of cycle audible alarm
- Auto shut-down of heater power at end of cycle
- Differential ground fault (earth leakage) breakers
- Ground connection to elevator
- Visual or audible alarms for: ground fault, temperature limits, and thermocouple failure
- 13-minute dwell countdown timer
- Additional independent 10-minute test cycle timer, manually triggered
- Simultaneous reading of both heater blanket thermocouples
- Cycle will not start if process temperature is above 60°C
- High temperature process shutdown and alarm at 90°C
- USB port for post cycle data transfer to flash drive (USB flash disk included)
- Two-year warranty
- **CE**
- Transport container



Compact Storage Cases
Fits Easily Within Luggage Compartments



Temperature Controller

Heating Blankets

- Sized to fit your specific aircraft elevator
- No seams; all flexible heating blankets are of a one-piece construction
- Dual voltage blankets; 110 or 220 volt
- Power density: 1400 watts/m^2 (0.9 watts/in^2)
- Two J-type thermocouples built into each blanket (1 primary, 1 spare)
- All power and sensor wires in a single connector (plug-n-play)
- Heater blanket is very flexible and durable
- Two-year warranty
- **CE**
- Easy-to-transport storage containers included



All Storage Cases Have Handles and
Wheels for easy travel

Ordering Information:

Temperature Controller

Part Number	Description
NDTCONTROLLER	Temperature Controller (Kit B in Airbus NDT Manual 55-20-07, 55-20-08, 55-20-11)

Heating Blankets

Part Number	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 sourcing a Thermographic camera? Contact us for assistance.