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

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

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Your Heating Specialist since 1949

COMPOSITE CURING

NDT
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 ± 1°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
- Transport container

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/m² (0.9 watts/in²)
- 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
- Easy-to-transport storage containers included

Ordering Information:

Temperature Controller

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDTCONTROLLER</td>
<td>Temperature Controller (Kit B in Airbus NDT Manual 55-20-07, 55-20-08, 55-20-11)</td>
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</tbody>
</table>

Heating Blankets

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<tr>
<td>300BLANKETKIT</td>
<td>Airbus A300 Elevator Heating Blanket Kit (Kit A)</td>
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<tr>
<td>320BLANKETKIT</td>
<td>Airbus A320 Elevator Heating Blanket Kit (Kit A)</td>
</tr>
<tr>
<td>340BLANKETKIT</td>
<td>Airbus A340 Elevator Heating Blanket Kit (Kit A)</td>
</tr>
<tr>
<td>Different Aircraft?</td>
<td>Contact us for a solution.</td>
</tr>
</tbody>
</table>

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