



IRP-3 Aircraft Insulation Radiant Panel Tester

Product information:

The IRP-3 is designed to measure the flame propagation of aircraft insulation materials.

Testing Standards: AITM 2-0053, BSS 7365, FAR Part 25 Appendix F Part VI

Feature:

- Programmable Logic Controller (PLC) with Human Machine Interface (HMI)
 - 7 inch digital touchscreen control
 - Displays output of panel temperature, chamber temperature and flux transducer
 - Ensures exact flame impingement time
- Insulated panels covered with brushed stainless steel
- Electrically controlled heater panel
- Automatic pilot flame application module
- Handheld button to start and stop test
- Front and side viewing windows to observe the sample during test
- Sample tray and holders coated with high temperature paint
- Power Supply: 208-240V 50/60Hz 30A, three phase
- Dimensions (LxWxH): 168x59x186 cm





Accessories includes:

- 2 specimen holders:
 - 1 large specimen holder (Frame 1)
 - 1 small specimen holder (Frame 2)
- Calibrated heat flux transducer with support as sembly
- Water circulation system for heat flux transducer

Options:

- Software Package
 - Includes:
 - Real time heat flux and 5-minute running average in windows on screen as well as on graph
 - Recording of all three flux positions as per FAR 25.856(a) ("0", "1" & "2")
 - Automatic generation of PDF for sending results over the internet/e-mail
 - PDF Includes:
 - Date and time of calibration
 - Transducer serial number
 - Sensor scale factor used
 - Heater temperature
- Chamber temperature Airbus laser line projection system and camera mounting hardware

