Product name:	Product code:
Aerospace Fuel Tank Sealant Peel Adhesion Test System	CMI-IND-0421



Description

Peel test frame with a temperature chamber and fuel soak tank that measures adhesion of aerospace sealants to aluminium and composite panels. Used by sealant producers and aircraft maintenance material laboratories.

Technical specification

Panel size	75 x 150 mm
Standards	AMS 3265, AS 5127, ASTM D903
Power	230 V AC, 50 Hz

Standard Accessories

- Peel fixture
- Panel clamp set
- Soak tank

Cured sealant strips on metal panels are peeled at 180 degrees on a small tensile frame, with optional chamber control from minus 50 to 120 deg C. Cohesive failure percentage is recorded to confirm adhesion after Jet A immersion.

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Features

- Dedicated 5 kN peel frame with 180 degree fixture
- Environmental chamber from -55 to 150 deg C
- Chart of peel load versus displacement
- Cohesive failure area estimation tools
- Specimen soak tank for fuel immersion

Technical Specifications

Capacity	5 kN
Crosshead speed	1 to 300 mm/min
Chamber range	-55 to 150 deg C
Load accuracy	+/- 0.5 percent
Peel angle	180 degrees