JCI 176 Capacitance Loading Sample Support -

Compatible with the JCI 155v6 Charge Decay Time Analyser

Sample support providing direct measurement of the quantity of charge transferred with corona charge deposition, allowing the JCI 155v6 to calculate and display capacitance loading.

General Description

The **JCI 176 Capacitance Measuring Sample Support** provides opportunity to measure how much corona charge is received by the sample during corona charge decay testing with JCI 155v6 Charge Decay Test Unit.

Such measurements enable calculation of the 'capacitance loading' experienced by charge on materials. This is relevant to assessment of the suitability of materials in terms of the surface voltages likely to arise and for how long.

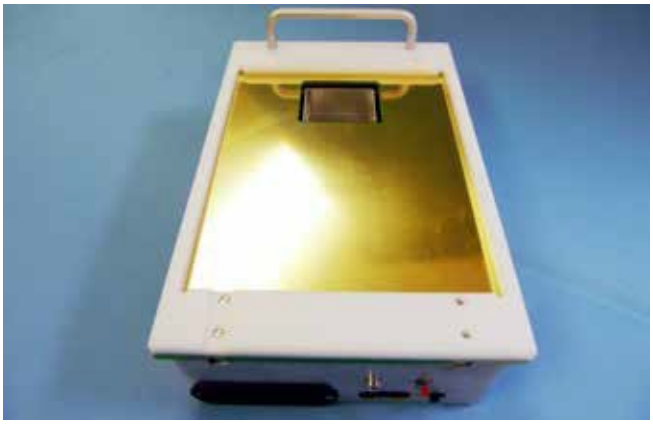
Further to this the JCI 173 powder support is also available as a cost-effective adapter for the JCI 176 facilitating studies of powders or liquids using the JCI 155v6 instrument.
Power Supply: By direct cable connection to JCI 155v6

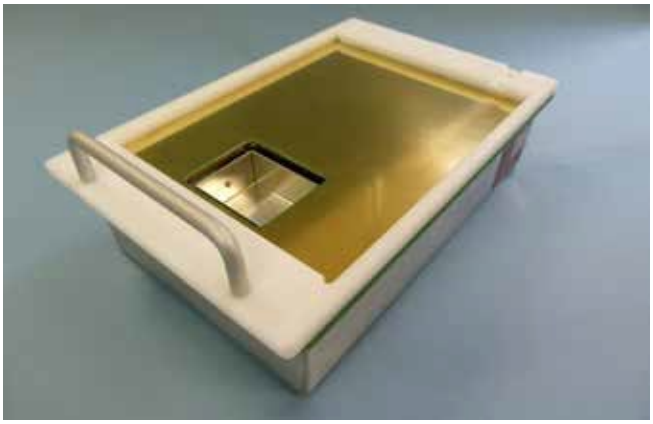
Benefits:

- Enables effective Capacitance Loading measurements to be made
- An optimal support and presentation of fabric and film samples
- Enables open and closed back measurements
- Can be used for powder & liquid studies using the JCI 173 Insert.

Optional Accessory

- JCI 173 Powder/Liquid Support Insert





DEKRA Process Safety

The breadth and depth of expertise in process safety makes us globally recognised specialists and trusted advisors. We help our clients to understand and evaluate their risks, and work together to develop pragmatic solutions. Our value-adding and practical approach integrates specialist process safety management, engineering and testing. We seek to educate and grow client competence to provide sustainable performance improvement. Partnering with our clients we combine technical expertise with a passion for life preservation, harm reduction and asset protection. As a part of the world's leading expert organisation DEKRA, we are the global partner for a safe world.

Process Safety Management (PSM) Programmes

> Design and creation of relevant PSM Programmes
> Support the implementation, monitoring, and sustainability of PSM Programmes
> Audit existing PSM Programmes, comparing with best practices around the world
> Correct and improve deficient Programmes

Process Safety Information/Data (Laboratory Testing)

> Flammability/combustibility properties of dusts, gases, vapours, mists, and hybrid atmospheres
> Chemical reaction hazards and chemical process optimisation (reaction and adiabatic calorimetry RC1, ARC, VSP, Dewar)
> Thermal instability (DSC, DTA, and powder specific tests)
> Energetic materials, explosives, propellants, pyrotechnics to DOT, UN, etc. protocols
> Regulatory testing: REACH, UN, CLP, ADR, OSHA, DOT
> Electrostatic testing for powders, liquids, process equipment, liners, shoes, FIBCs

Specialist Consulting (Technical/Engineering)

> Reactive chemical, self-heating, vent sizing, and thermal instability hazards
> ATEX / DSEAR & hazardous areaclassification
> Mechanical equipment ignition risk assessment
> Transport & classification of dangerous goods
> COMAH & SEVESO compliance
> PHA support & facilitation
> LOPA & SIL
> Occupied buildings risk assessment
> Fire engineering
> Cybersecurity

We have offices throughout North America, Europe, and Asia.
For more information, visit **www.dekra-process-safety.co.uk**
To contact us: **process-safety-uk@dekra.com**

Would you like to get more information?

Contact Us

DEKRA Process Safety

Phi House
Southampton Science Park
Southampton, Hampshire
United Kingdom SO16 7NS

Tel : +44 (0)23 8076 0722
Fax : +44 (0)23 8076 7866

process-safety-uk@dekra.com
www.dekra-process-safety.co.uk