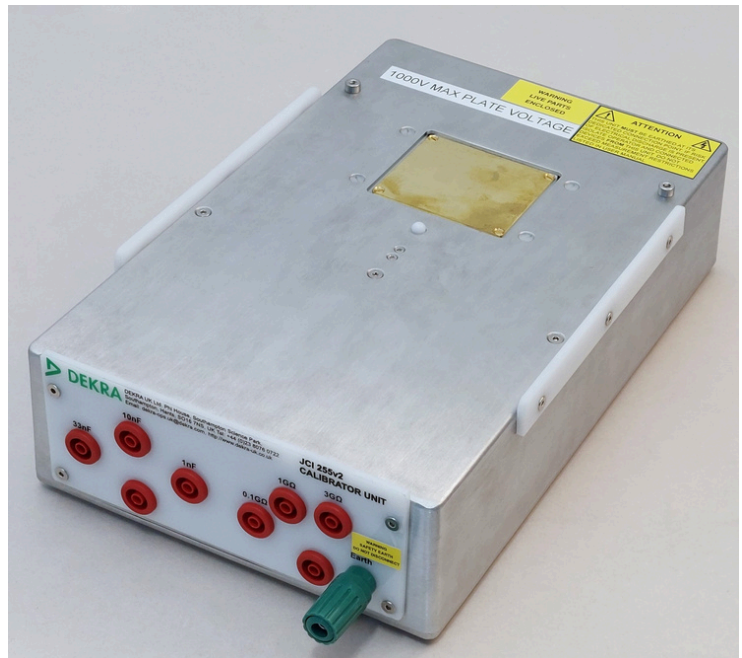


JCI 255 Calibrator Unit Data Sheet



For checking performance and for formal calibration of JCI 155v6 Charge Decay Analyser.

DEKRA Process Safety recommends that the JCI 155v6 Charge Decay Analyser (and earlier JCI155 models) be formally calibrated typically every 12 months to confirm their sensitivity for surface voltage measurement and decay time measurement performance. However for many in-house quality procedures, calibration is required much more frequently. Therefore purchasing a calibration tool such as this becomes highly beneficial.

Optional extra accessories & services

The JCI 255 Calibrator Unit conveniently enables the required level of Calibration of decay times following the general principles set out in BS7506: Part 2: 1996. Minimal down-time is required and your JCI 155v6 need not leave your site.

The JCI 255 Calibrator Unit is calibrated before dispatch and supplied with formal in-situ calibration of the resistors and capacitors inside the unit. The calibration unit itself should be formally recalibrated typically at 12 month intervals so the values of resistors and capacitors provide measurements of decay times that are traceable to National Standards.

The JCI 255 can also be used to spot check for correct operation of the JCI155 charge decay measuring instruments. Such spot checking is performed by a company's internal quality procedure, typically dependent on usage intensity. Spot checking is also useful where the equipment is used intensively with light powders and highly insulating dusts.

- Capacitance Nominal Values (nF): 1, 10, 100, 1000
- Resistor Nominal Values (M Ω): 10, 100, 1000
- Decay Time Nominal Values (s): 0.01, 0.1, 1, 10, 100, 1000



Benefits

- Enables regular calibration and health checking of JCI 155 instruments
- Reduces external calibration costs
- Easy to use and maintain – simply keep it clean

Accessories & services

- JCI 170 & JCI 172 Sample Support
- JCI 173 Powder/Liquid Support Insert

DEKRA Organisational & Process Safety

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DEKRA Organisational and Process Safety are a behavioural change and process safety consultancy company. Working in collaboration with our clients, our approach is to assess the process safety and influence the safety culture with the aim of making a difference.

In terms of behavioural change, we deliver the skills, methods, and motivation to change leadership attitudes, behaviours, and decision-making among employees. Supporting our clients in creating a culture of care and measurable sustainable improvement of safety outcomes is our goal. The breadth and depth of expertise in process safety makes us globally recognised specialists and trusted advisors. We help our clients understand and evaluate their risks, and we work together to develop pragmatic solutions. Our value-adding and practical approach integrate specialist process safety management, engineering, and testing. We seek to educate and grow client competence in order to provide sustainable performance improvement. Partnering with our clients, we combine technical expertise with a passion for life preservation, harm reduction and asset protection.

We are a service unit of DEKRA SE, a global leader in safety since 1925 with over 48,000 employees in 60 countries and five continents. As a part of the world's leading expert organisation DEKRA, we are the global partner for a safe world.

We have offices throughout North America, Europe, and Asia.

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