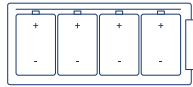


Cell



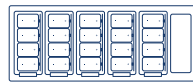
- Scan entry
- Capture Data Matrix Code, create label
- Incoming goods inspection
- Insulation test
- Dielectric Strength test
- Dimensions measurement
- Power pulse, calculate DC IR
- OCV measurement
- Temperature measurement

Module



- Capture RFID, Data Matrix Code
- Power pulse, calculate DC IR
- OCV measurement
- SOC alignment
- CAN + SPI communication
- E-Prom flashing
- HV test
- Insulation test, Dielectric Strength test
- Conditioning
- Camera process monitoring
- Data transfer to MES

Pack



- Capture RFID, Data Matrix Code
- Power pulse, calculate DC IR
- OCV measurement
- SOC alignment
- CAN + SPI communication
- E-Prom flashing
- HV test
- Insulation test, Dielectric Strength test
- Conditioning
- Camera process monitoring
- Dimensions measurement
- Weight measurement
- Data transfer to MES

h-kon master

Universal Tester for Battery Cells, Modules and Packs

h-kon GmbH

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Germany

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Universal Tester for Battery Cells, Modules and Packs

- Features integrated high-end measurement technology and industry-proven PC-based control technology with integrated safety control.
- Suitable for single measurements, small series, and fully automatic test systems.
- HV and LV interfaces housed in a cabinet. The test object is contacted using a cable set, enabling both manual and automatic contacting.
- Equipped with the **h-kon scan** test software, the tester forms a comprehensive testing system that meets all testing requirements.
- **h-kon scan** includes all software modules for testing cells, modules, and packs and can be expanded for specific customer requirements

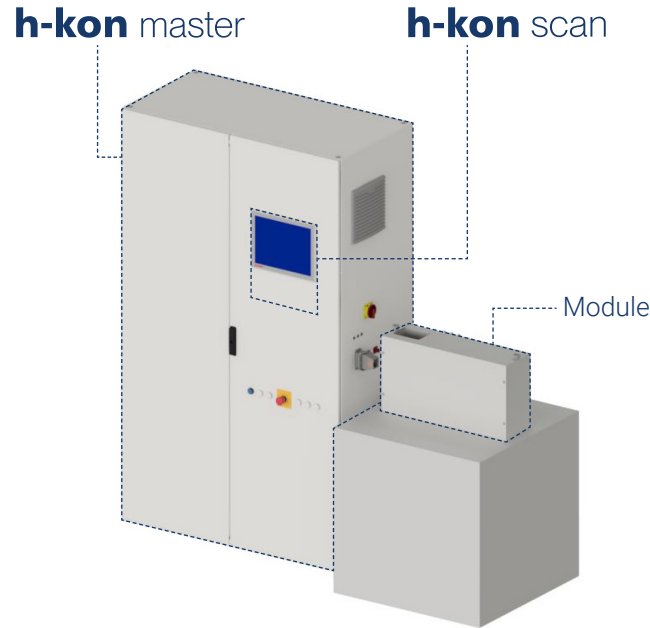


Figure: h-kon master 030

Technical Specifications

h-kon master 030

- Power:** 25 kW +/- 10% for 200 s
- Source Voltage:** 100 V
- Source Current:** 250 A, max. 350 A (200 s)
- Sink Voltage:** 120 V
- Sink Current:** -250 A, max. -300 A (200 s)

h-kon master 125

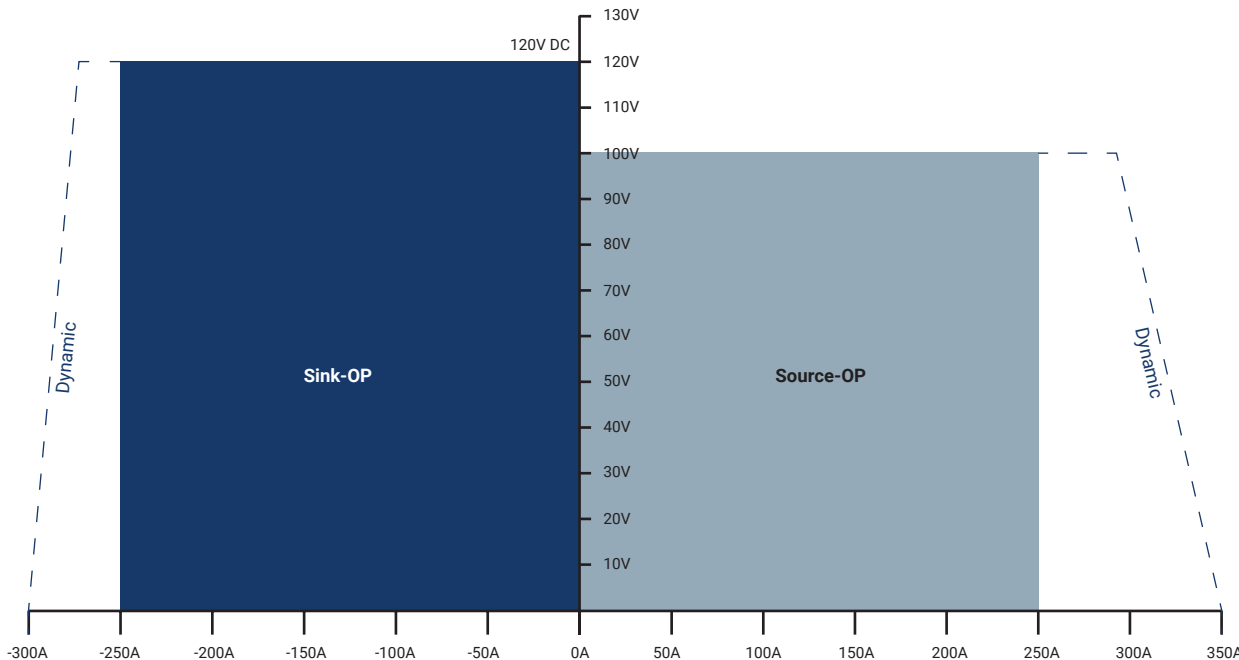
- Power:** 125 kW +/- 30% for 60 s
- Source Voltage:** 0...1,000 V
- Source Current:** 278 A, max. 430 A (25 s)
- Sink Voltage:** 20...1,000 V
- Sink Current:** -278 A, max. -430 A (25 s)

h-kon master 250

- Power:** 250 kW +/- 30% for 60 s
- Source Voltage:** 0...1,000 V
- Source Current:** 375 A, max. 450 A (25 s)
- Sink Voltage:** 20...1,000 V
- Sink Current:** -375 A, max. -450 A (25 s)

h-kon master 500

- Power:** 500 kW +/- 30% for 60 s
- Source Voltage:** 0...1,000 V
- Source Current:** 1,000 A, max. 1,200 A (25 s)
- Sink Voltage:** 20...1,000 V
- Sink Current:** -1,000 A, max. -1,200 A (25 s)



For more information, please visit our website.

