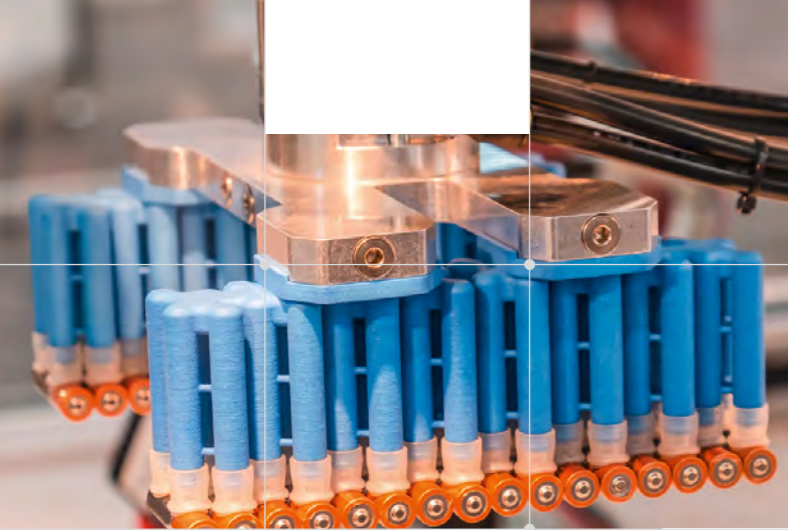


burster

BATTERY MEASUREMENT SOLUTIONS

FOR ALL AREAS OF INDUSTRIAL AUTOMATION





EXAMPLE APPLICATION:
100 % incoming goods testing for prismatic cells



EXAMPLE APPLICATION:
Inline contact resistance measurement to detect defective welded joints on cell contact lugs



EXAMPLE APPLICATION:
High-impedance safety measurement on insulated busbars



EXAMPLE APPLICATION:
Analysis and testing of prismatic cells via capacity test and model parameter calculation

BATTERY MEASUREMENT SOLUTIONS FOR AUTOMATED MASS PRODUCTION

High-speed, multi-channel, bus-compatible, compact

KEY FACTS:

- AC/DC internal resistance measurement, open-circuit and module voltage measurement, temperature measurement
- Impedance measurement 1 kHz, optionally 1 Hz, 10 Hz, 100 Hz as well
- Four-wire measurement method



Battery Measuring Module 2511



RELIABLE AND REPRODUCIBLE DETECTION OF CONTACT RESISTANCES ON BATTERY CONTACT LUGS

Innovative, universal, precise, real-time data transfer

KEY FACTS:

- Measurement accuracy 0.03 % F.S. even in $\mu\Omega$ range, temperature compensation for all materials
- Measurement/evaluation time from 10 ms
- Thermal EMF compensation, input protection up to 400 V_{eff}



RESISTOMAT® 2311



INSULATION RESISTANCE MEASUREMENT BETWEEN ELECTRICAL COMPONENTS AND VEHICLE FRAME

High-precision, fast, fieldbus-compatible, multi-functional

KEY FACTS:

- Measurement ranges 0 ... 100 m Ω to 100 G Ω
- Test voltage up to 1000 V DC
- Broken lead detection



RESISTOMAT® 2411



SPECTRAL IMPEDANCE MEASUREMENT FOR ANALYTICAL AND DIAGNOSTIC ASSESSMENT OF BATTERY CELLS

Flexible, universal, smart, high-performance

KEY FACTS:

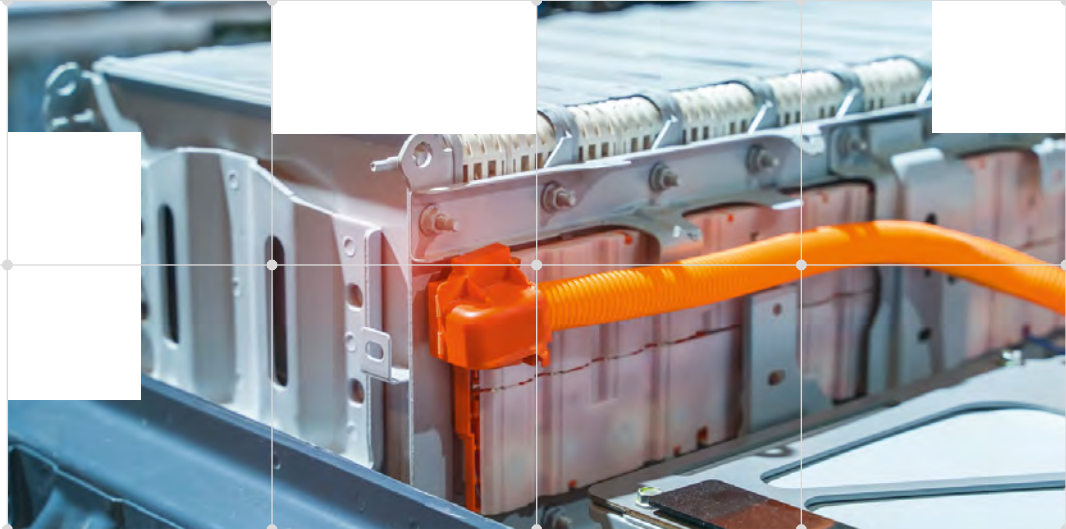
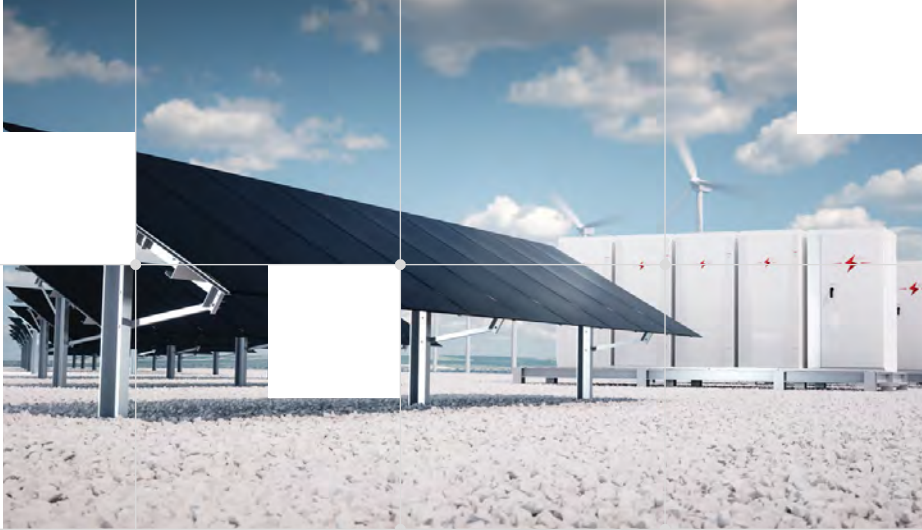
- Spectral impedance measurement to display results as a Nyquist plot
- Determination of model parameters R_s , R_p , C_p
- Capacity test, diagnostic function for state of health / state of charge



Battery Analyzer 2550

Battery Tester 2560





CUSTOMER SERVICES WE'RE HERE TO HELP

A complete measurement solution also includes a high-quality service offering. That's why burster offers comprehensive service packages for battery measurement. Modular components for planning, implementation and operation cover all relevant aspects of your task.

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