

Battery Cell Monitoring System

Non-contact, ultrasonic quality control
for the electrolyte filling and wetting process

For pouch, prismatic
and cylindrical cells

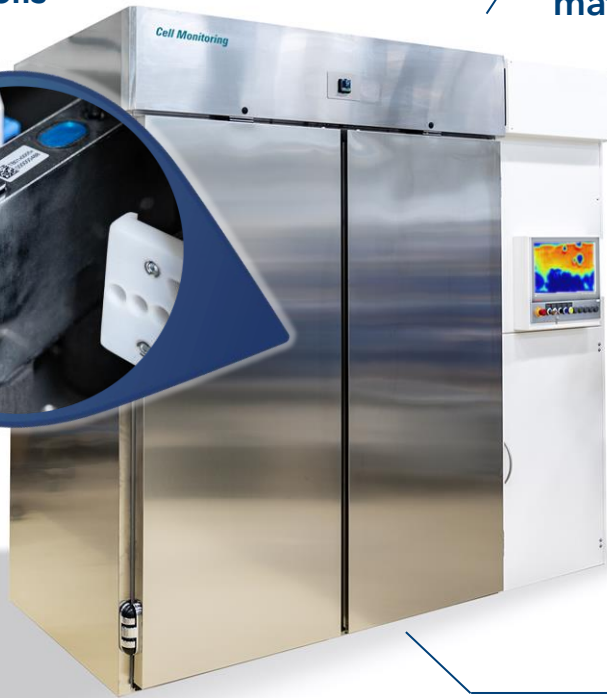
Imaging in a
matter of seconds

High resolution
down to 0.16 mm^2

Contact-free
sample testing

Heating of test
chamber up to 55°C

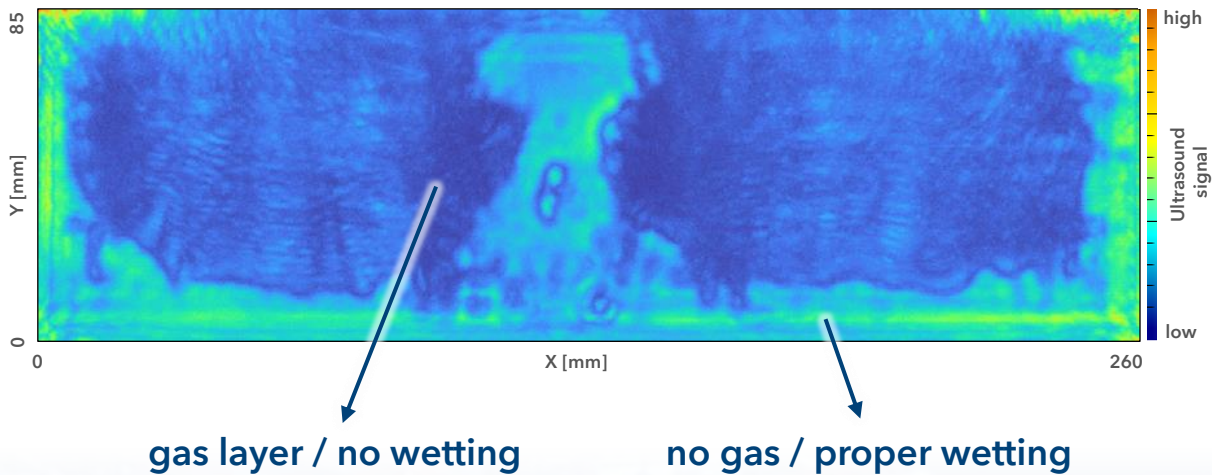
Integrated EIS
measurement



hear with light – see with sound

What is happening inside your cell?

XARION ultrasound image of prismatic cell



Battery Cell Monitoring System

- Optimize the wetting process
- Reduce soaking time
- Detect unwanted gas pockets
- Mitigate lithium plating

See inside the battery cell!

The full-surface and homogeneous wetting of battery cells with liquid electrolyte is a crucial factor for their lifetime and reliability.

Our Battery Cell Monitoring System acts as a high-end inspection tool, enabling the battery industry in optimizing process development and inline quality control.

Boost your efficiency and quality control with our innovative technology today!

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