

# 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  $0.16 \text{ mm}^2$

Contact-free  
sample testing

Heating of test  
chamber up to  $55 \text{ }^\circ\text{C}$

Integrated EIS  
measurement

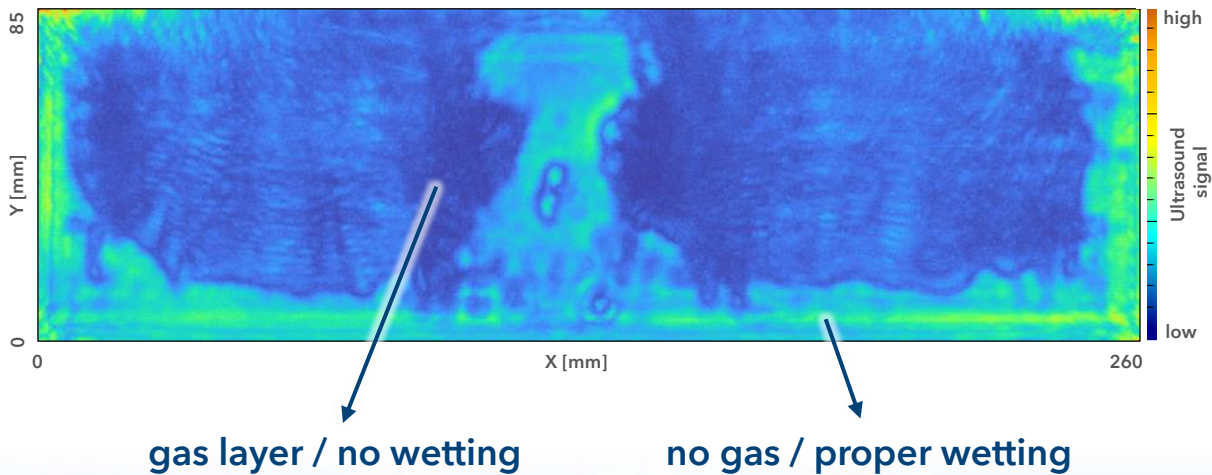
In collaboration with  **manz**

hear with light - see with sound

**xarion**  
laser acoustics 

# 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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