



See Batteries Differently

NAATBatt 2022 Member Update



James Carrington
VP Business Development

We've reached a tipping point in the EV transition

Massive investment and battery manufacturing commitments in 2021 alone

>\$500B to be invested in EVs
& Batteries by 2030

Reuters



>3000 GWh in new cell
production capacity by 2030

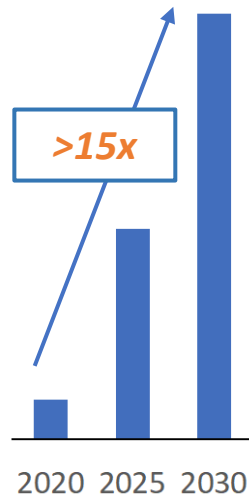
Benchmark Minerals



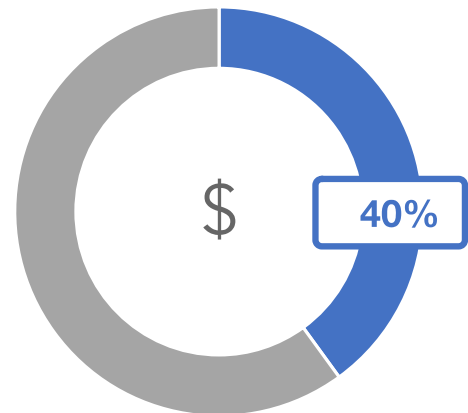
Challenge: How to quickly scale up low-cost, reliable cell production?

Several factors at play – our focus is on data & its use in manufacturing

Massive buildout needed to meet EV demand



Cells must cost **40%** less for deep EV adoption



Reliability is costly to ignore

>\$3B in EV recalls due to batteries in 2020-2021



142K EVs



HYUNDAI

77K EVs



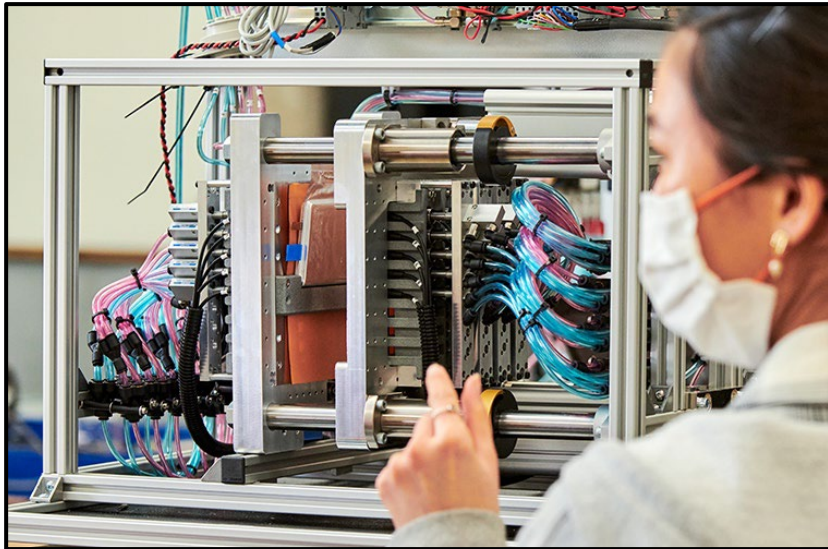
26K EVs



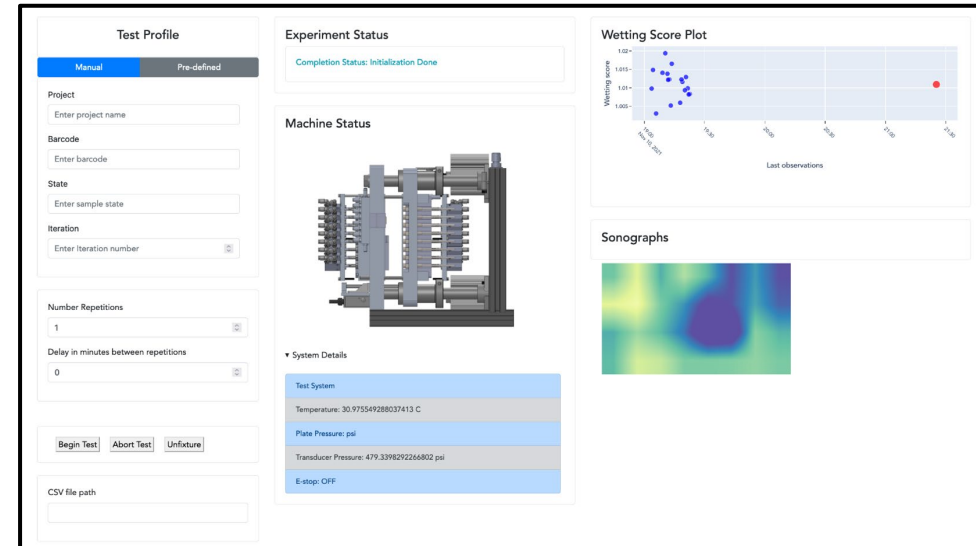
27K EVs

Our solution: EchoStat ultrasonic-based inspection & intelligence for cell manufacturing

Enabling \$B in market impact from faster cell development, reduced scale-up time, and improved yields at production



Delivers powerful new data
throughout production

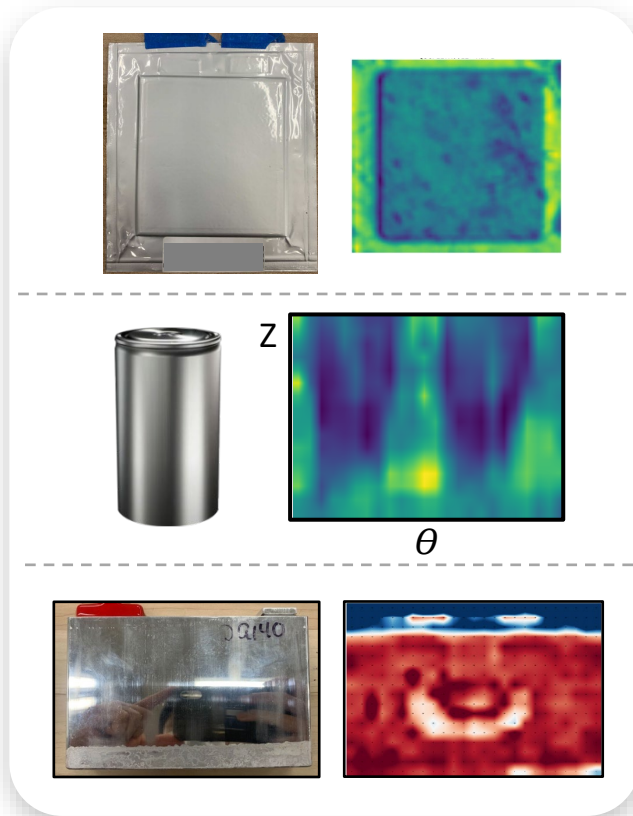


Unlocks latent value with data
streams from across production

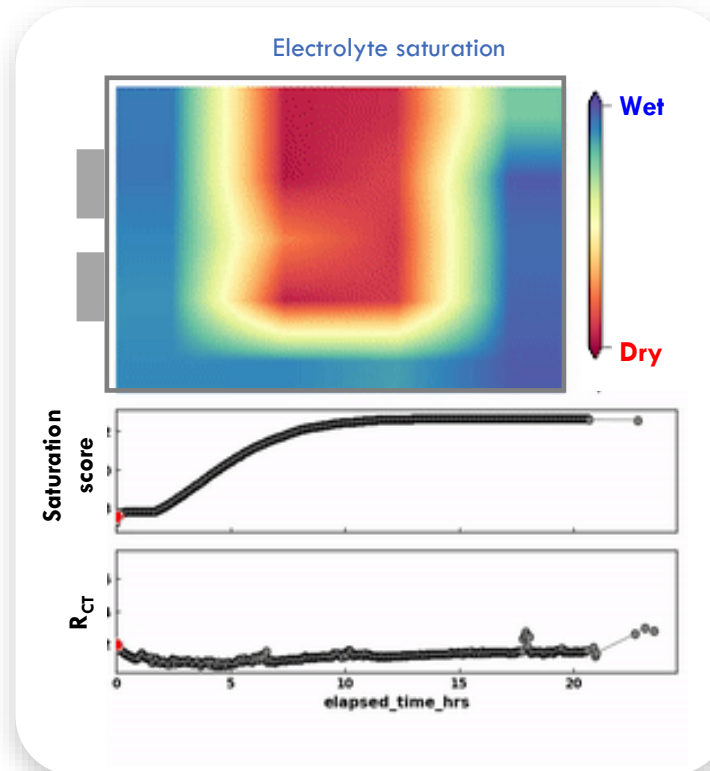
Active Product Deployments with major cell manufacturers and auto OEMs

EchoStat[®] fills a major inspection gap - particularly for large EV cells

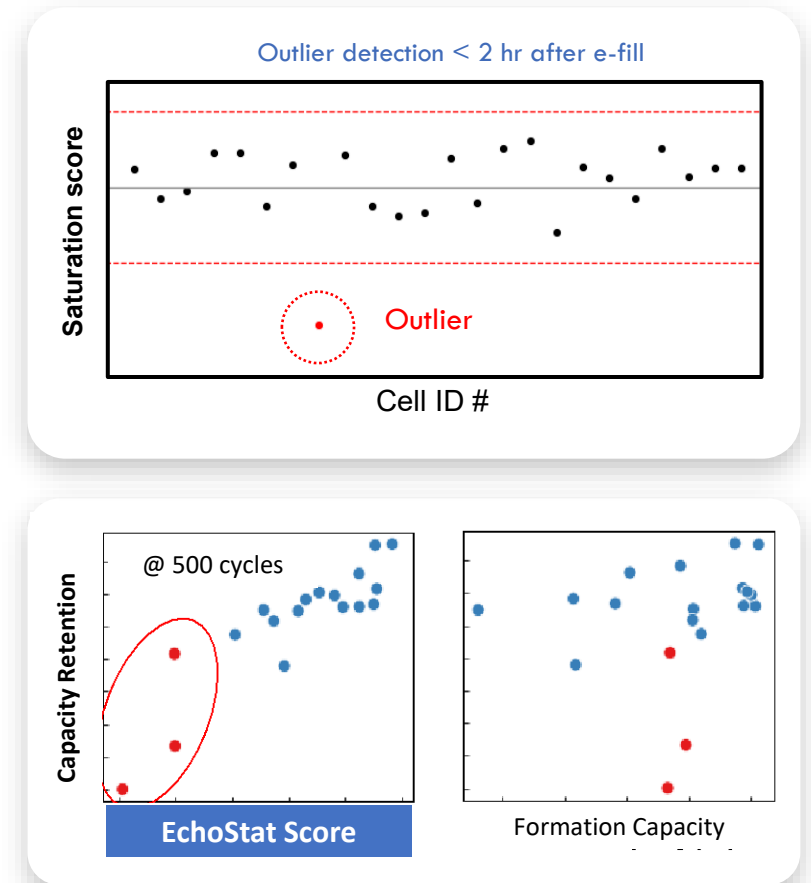
Fast, non-destructive physical inspection of any cell type



Real-time monitoring to enhance process development



100% in-line / in-process inspection during production



Our amazing team



Looking for Partners:

- Production-scale validation
- System automation & scale-up
- Application development

Board of Directors



Andrew
Hsieh



Alfred
Lam



Laura
Oliphant



Keisuke
Ide



John
Osborne

Advisors



Dan Steingart



Mike
Splinter



Michelle
Kiang



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Ed Williams

Investors

