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- Alkaline water electrolysis efficiency @high current density ---> ohmic resistance
- Ohmic resistance in zero gap cell design ---> Bubbles + Diaphragm + **Electrode Geometry**
 - Electrode geometry and diaphragm under varying pressure?







METHODS

NTRODUCTIO

- **Bubble** influence under varying pressure?
- Effect of **scale**?
- Bubble visualization using high speed camera
 - scales, tested with EIS

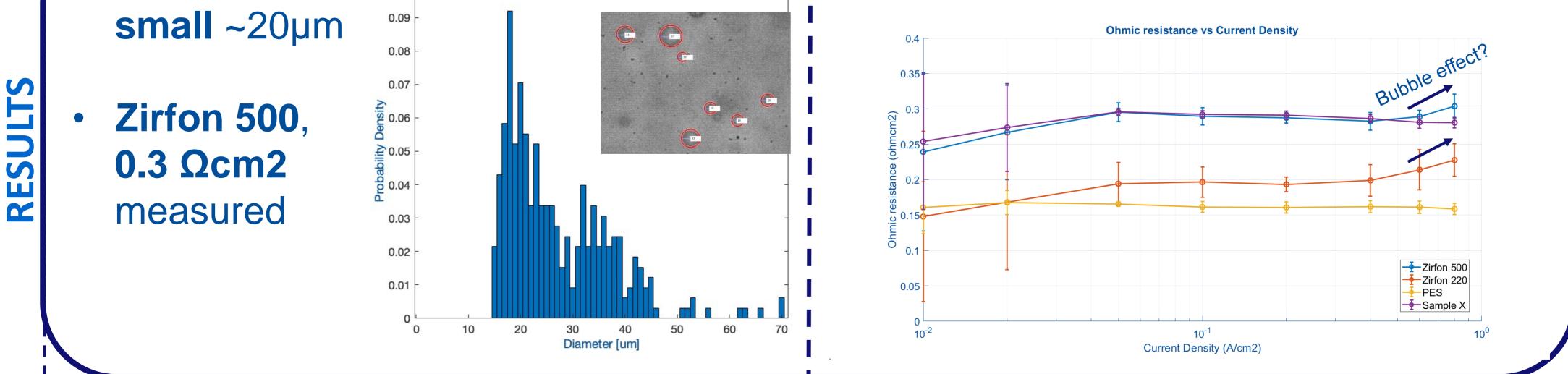


150 cm²

Clean Hydrogen

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Oxygen Bubble Size Distribution at 10 A/m2 in the Channe 0.1



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