



**SARCOMERE
DYNAMICS**

bringing near-human capability to automation

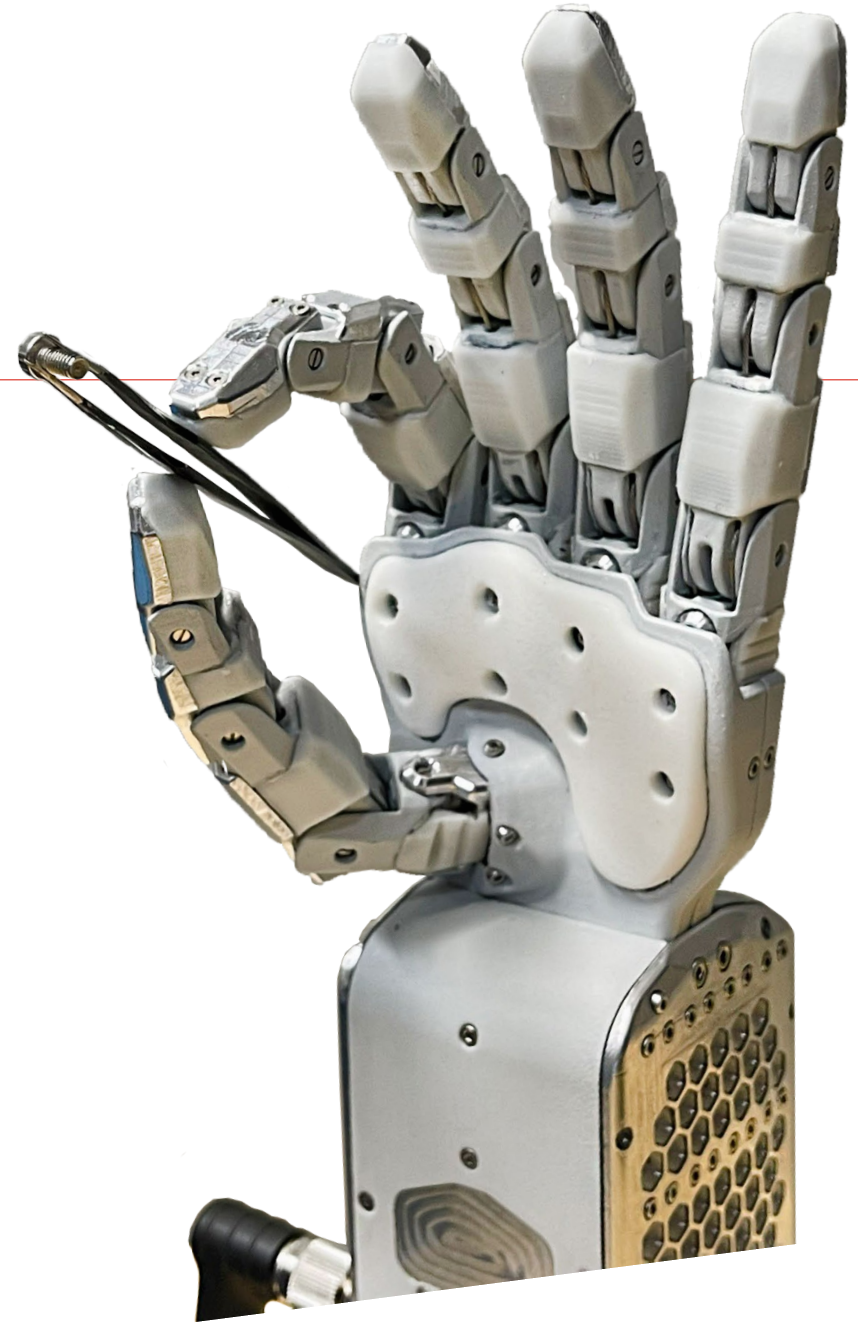
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SOLUTION: CORE VALUE PROPOSITION



CONVENTIONAL AUTOMATION

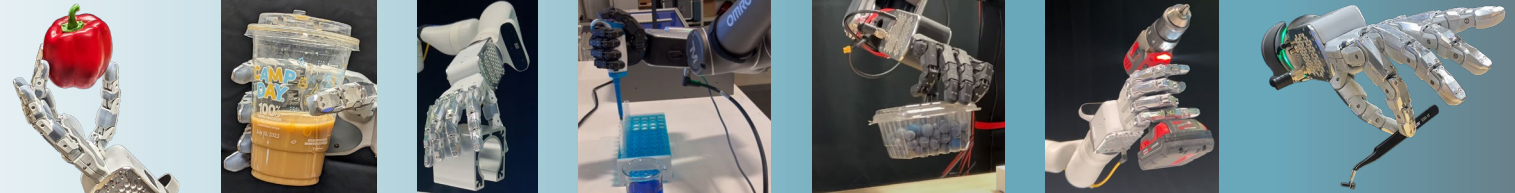
Simple, Specialised Tasks

HUMAN HAND

Complex, General Tasks



Sarcomere Dynamics' ARTUS Lite



Core value propositions:

Near-human capability

Universal, general-purpose end-of-arm-tool

Simple integration

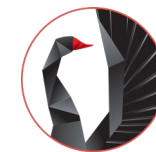
Easy to use

Economical

With a near-human, high dexterity robotic hand, we can fill the automation gap between conventional automation (shown on the left of the task spectrum) and the human hand (shown on the right).



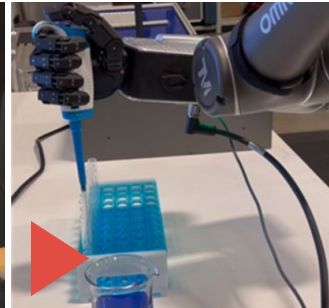
PRODUCT DEMO



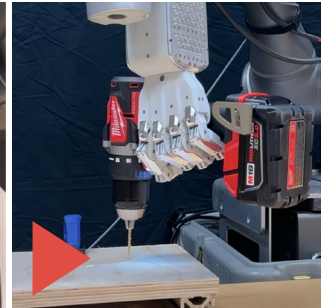
Machine
Tending



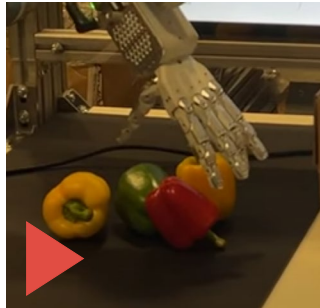
In-hand
Manipulation



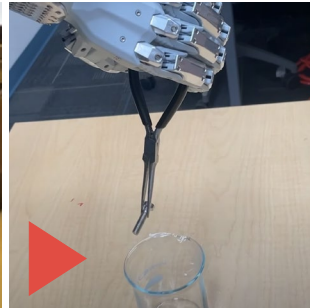
Using Pipette



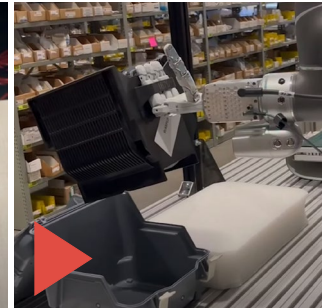
Using Power
Drill



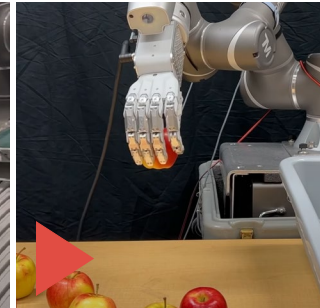
Pepper Sorting



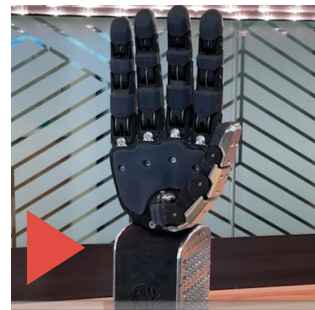
Using Hand
Tools



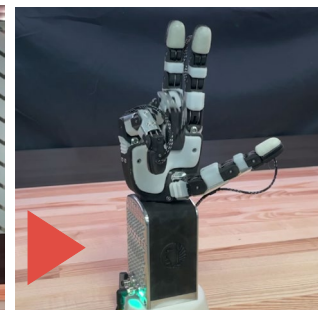
Manipulation
Heavy Object



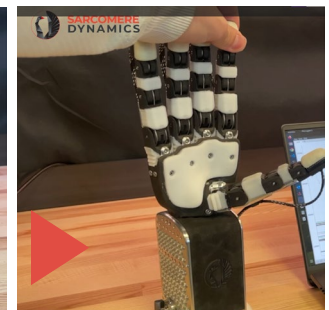
Moving Apples



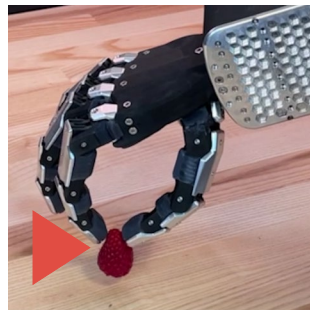
MK 9
Initialization



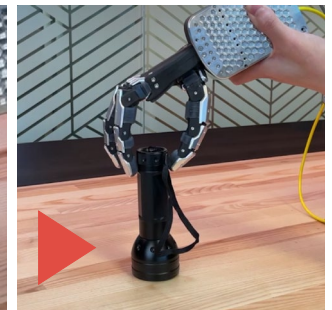
Integrated
Sensors



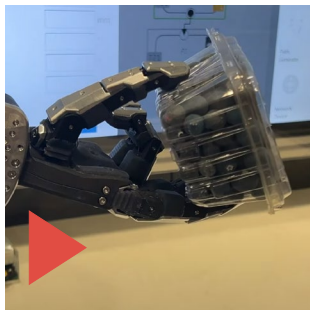
Integrated
Sensors



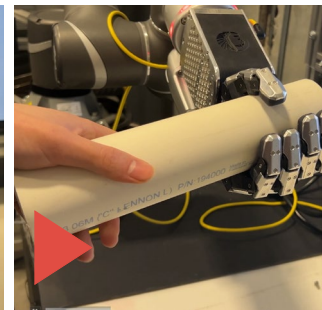
Gentle Grasp
Raspberry



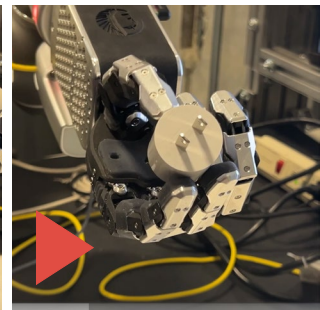
Flashlight



Flexible
Containers



Grip Force



Plug
Manipulation



USE CASES



Hyperion Torso with ARTUS Lite Hands

The Hyperion is designed and built in-house for tele-operations and bi-manual manipulation.

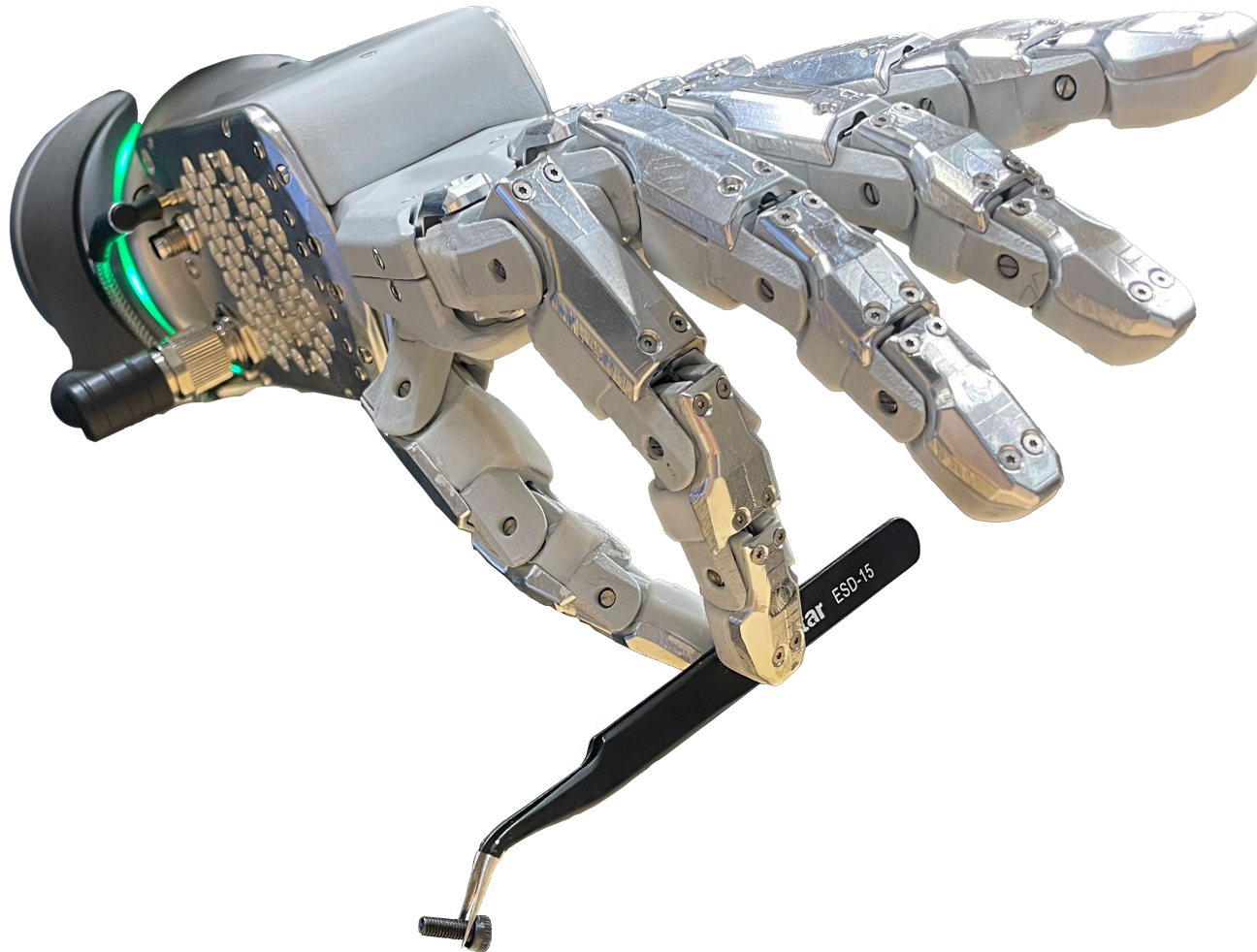
- ❑ Complex Parts Assembly
- ❑ Bin Picking
- ❑ Clean rooms
- ❑ Humanoids
- ❑ Tele-operations
 - ❑ Military EOD
 - ❑ HAZMAT/CBRN
 - ❑ Glove Boxes (Nuclear, pharma)
 - ❑ Space

Easily integrated into existing systems as demonstrated with beta customers.





QUESTIONS



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