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NTK CERATEC
Niterra Group

Resense
A Sense of Touch

TROUND
Sound of Happiness, Happiness of Sound

The all-new

IONIQ 6 N

10th July 2025

The Paradigm of high performance electric vehicles

bHaptics

Your Go-To Solution for Full-Body Wearable Haptic Feedback

TACTSUIT Tactsuit Series For Full Body

Download Leaflet

Made for Meta

TactSuit Pro
499 USD

- 32 Haptic Points
- Bluetooth & Audio port
- Up to 13.5 hrs Playtime
- 26-50 in. (66-127 cm) Circumference
- 4.1 lbs (1.87kg)

Made for Meta

TactSuit Air
249 USD

- 16 Haptic Points
- Bluetooth & Audio port
- Up to 12 hrs Playtime
- 24-50 in. (61-127 cm) Circumference
- 2.5 lbs (1.12kg)

Ash Onyx

TactSleeve
199 USD

- 3 Haptic Points (each)
- Bluetooth
- Up to 10 hrs Playtime
- One-Size-Fits-All
- 0.4 lbs (185 g)

TactGlove DK2
249 USD

- 6 Haptic Points (each)
- Bluetooth
- Up to 3.5 hrs Playtime
- 4 Sizes (S, M, L, XL)
- 3.95 oz (112 g), M size

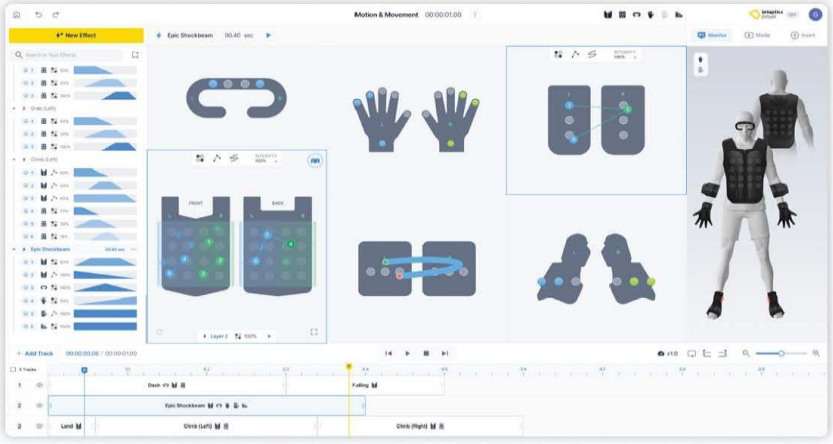
Tactosy for Feet
249 USD

- 3 Haptic Points (each)
- Bluetooth
- Up to 23.5 hrs Playtime
- One-Size-Fits-All
- 0.63 lbs (286 g)

Easily create and customize immersive haptic feedback patterns for your research.

bHaptics designer

Our intuitive web-based authoring tool and multi-platform SDKs help you stay focused on the creative and meaningful work that matters most.



Unity · UNREAL ENGINE

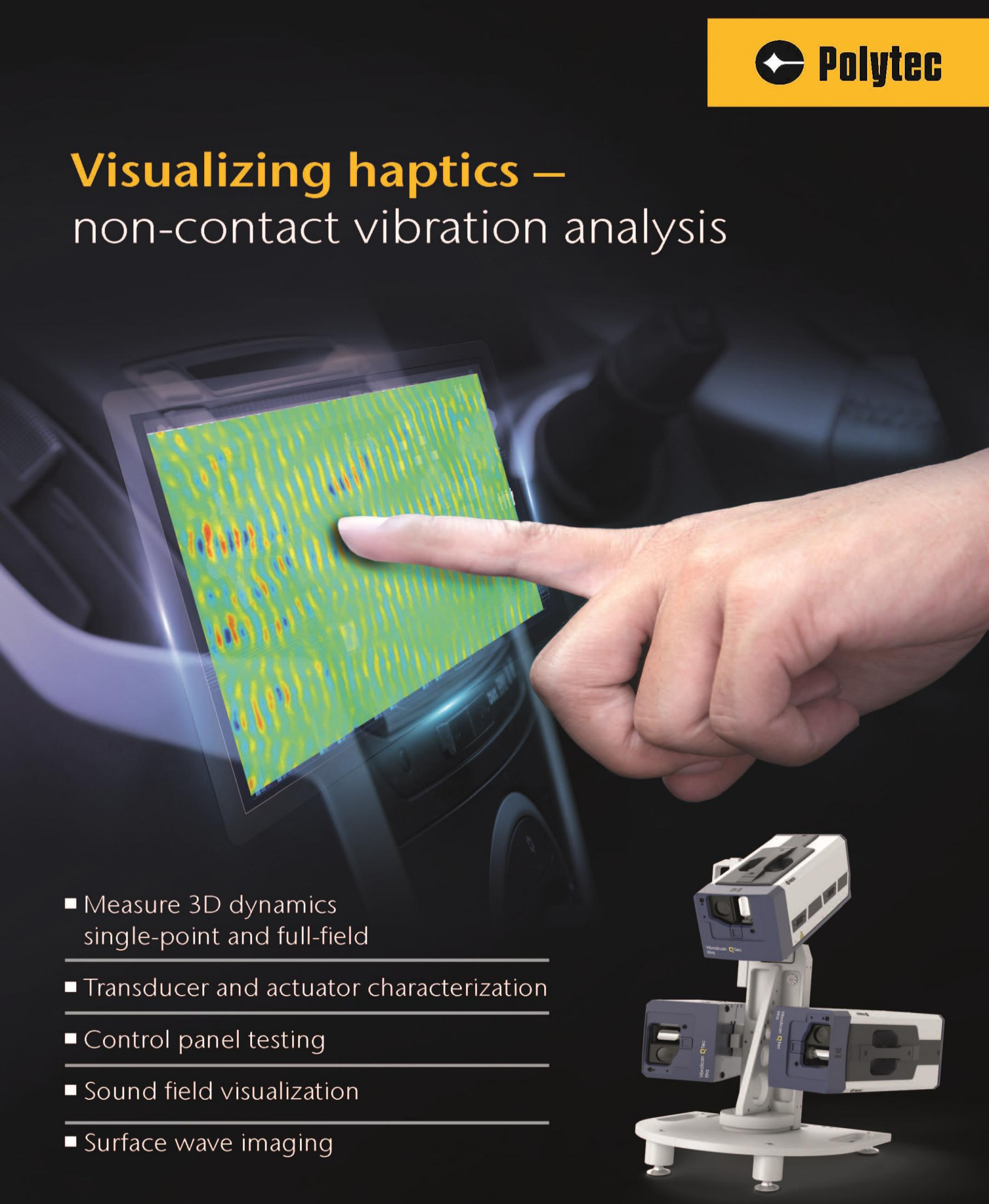
android iOS

python C++ JS

Visit www.bhaptics.com for more details.

Polytec

Visualizing haptics – non-contact vibration analysis



- Measure 3D dynamics single-point and full-field
- Transducer and actuator characterization
- Control panel testing
- Sound field visualization
- Surface wave imaging

Contact us: polytec.com

DELTO GRIPPER

DG-5F

A Robotic Hand with Human-Level Grasping and Manipulation Capabilities.

Applications

- 휴머노이드 로봇 조작기술 연구 및 개발
- 도구 활용 작업, 양팔 작업 공정
- 물체 조립, 커넥터 체결 등
  In-hand Manipulation이 필요한 공정

Specifications

정격 전압	24[V]
모터 타입	BLDC Motor
최대 소비 전류	10[A]
통신	Modbus(RTU, TCP) EtherNet(TCP/IP)
통신주기	250Hz
엔코더	절대 엔코더
자유도	20자유도(4자유도/손가락)
각 관절 최대 부하 토크	2 Nm
각 관절 정격 토크	0.4 Nm
각 관절 무부하 속도	75 [rpm]
Pinching 파지 중량 (정격, 최대)	2.5, 5 [kg]
Envelop 파지 중량 (정격, 최대)	10, 20 [kg]
무게	1,763 [g]

TEL : 02-6914-6620
Email : support@tesollo.com
Web : www.tesollo.com

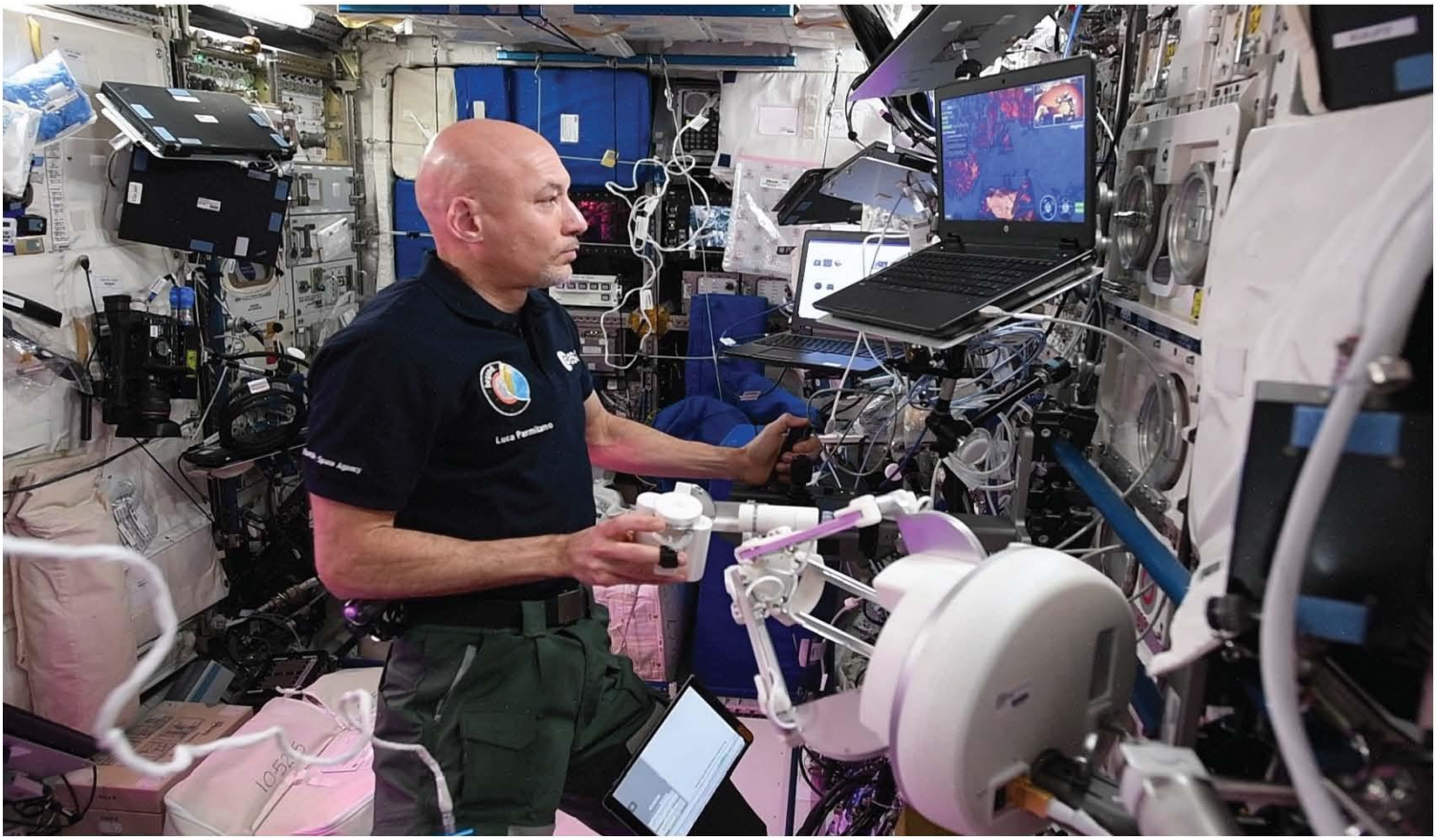
Watch the demo video

TESOLLO

force dimension

Displaying the world in your hands. Inventing new ways to interact.

Force Dimension designs and manufactures the finest **master haptic devices** for leading-edge applications in research, medical, industry, and human exploration.



From space ESA astronaut Luca Parmitano uses the haptic plateform to control a robot manipulator ©2019 ESA

In collaboration with the **Human Robot Interaction Lab** at the **European Space Agency**, our most advanced haptic device, the **sigma.7**, was launched to the International Space Station (ISS). The haptic device is part of the ESA METERON experiment which explores new ways to operate robots from space using the sense of touch.

Designed and manufactured in Switzerland, the **sigma.7** is the first 3D haptic device certified for use in space.

Force Dimension
Switzerland

www.forcedimension.com
info@forcedimension.com

ALPS ALPINE

Shaping a future where technology extends your senses

We envision a world where people and technology connect seamlessly—intuitively, naturally, and emotionally, creating a warm and inspiring environment. We build a future where our innovations "Beyond Expectations" inspire, touch the senses, and create a sustainable society.

HAPLY

The New Standard in Simulation

Designed for professionals this high-precision controller makes your 3D virtual environments feel as real as the world around you.

Inverse3 Specs

- Position Resolution 0.01 mm
- Force Maximum 10 N
- Refresh Rate 4000 Hz
- Flexible Mounting Options

Healthcare

Enhance medical training with reallstic simulations

Manufacturing

Improve productivity and safety in vir virtual environments

Gaming

Empower gamers with a new level of interaction and realism

Inverse3

Scan to learn more

Innovobot Labs

Accelerating growth through innovation

Manuel Cruz, Chief Scientist and Head of the HMI Lab;
Neil Olien, Director of Engineering; Danny Grant, CTO & Founding Partner

Driven by purpose

We are an innovation lab that tackles some of the world's most complex challenges by developing and applying cutting-edge technologies.

Focused on Human-Machine Interface (HMI), Robotics, AI, IoT, and Advanced Materials, we provide a framework for open innovation and collaboration, transforming IP into commercial-ready products and solutions.

From UX through the entire system

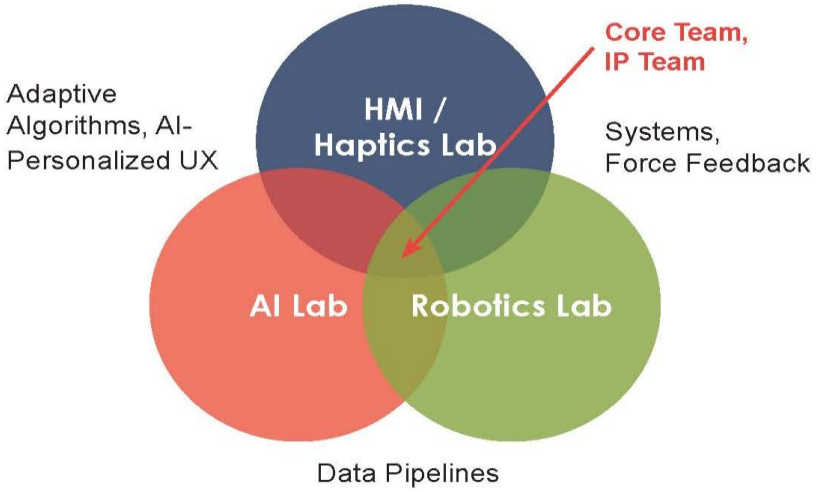
We specialize in systems integration, covering:

- UX
- SDK
- Firmware
- Hardware
- Testing

Partner with us

- Experienced inventors, solving commercial adoption barriers to haptic systems
- 20+ years powering the haptics found in Samsung, Apple, Sony and Meta products
- Cut risk and time to market thanks to our open innovation approach
- We can embed haptics into any system or product

Unlock a new level of innovation with cross-lab synergies



Get in touch with us,
and let's shape the future of haptics. Together.

innovobotlabs.com | connect@innovobot.com

HAPTICS OF WONDER

12 Haptics αGEL

Build around the very concept of haptics, Haptics of Wonder is a material sample kit consisting of 12 kinds of αGEL, Taica's silicone gel. As you compare the different textures of the gels in your hand, different haptic experiences will be had. This map, accompanying the gels, shows the different characteristics and features of each gel type, interpreting them as how we perceive varying degrees of 'softness'. By using the gels and the map, we hope you can have a better understanding of the gels, and how they can help your designs and innovations. Please do experience touching and comparing the gels.

Taica

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HAPTICS OF WONDER
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CONTACT
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