ROBOTIQ

YOUR PHYSICAL AI ENABLER

Robust grippers with real-time tactile sensing that give robots the touch and control they need to learn and act in the real world.

Adaptive Grippers

Scalable and Cost Efficient

- 90% of tasks at 10% of cost vs. anthropomorphic hands
- Reliable manipulation across unpredictable environments
- Proven, robust hardware
- Easy integration with AI pipelines

23 000+ GRIPPERS DEPLOYED

STANDARD COMMUNICATION PROTOCOLS

PATENTED ENCOMPASSING GRIP

HIGH PRECISION

85mm stroke (3.3 in)
5 kg payload (11 lb)

2F-85

140mm stroke (5.5 in)
2.5 kg payload (5.5 lb)

2F-140

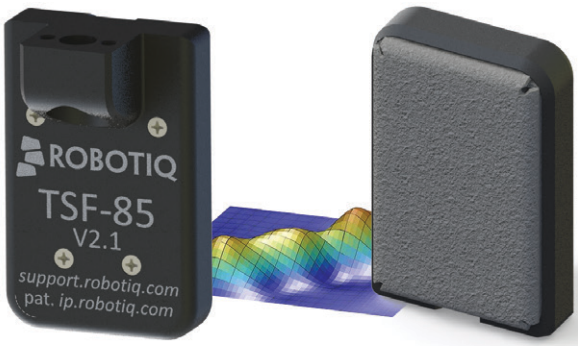
50mm stroke (2 in)
7 kg payload (15 lb)

HAND-E

ROBOTIQ

Tactile Sensor Fingertips
Robotics Missing Modality

- Rich multimodal data
- Pressure for contact awareness
- Vibration for slip detection
- Proprioception for accurate finger orientation
- Enables better grasp decisions



TSF-85

28 TAXELS

1000 Hz

Compatible with

NVIDIA. ISAAC

ROS 2

Force Torque Sensor
6-DOF

- Precise and high-resolution measurements
- Wear-free sensing technology
- Consistent force and stiffness for each axis

± 300 N

500% OVERLOAD CAPACITY

IP65

FT 300-S

FORCE TORQUE SENSOR

Building the future of Physical AI?
Talk to a Robotiq Expert

ROBOTIQ | LEAN ROBOTICS

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