ROBOTIQ

FT 300 FORCE TORQUE SENSOR

EASY TO USE	FORCE-SENSITIVE TASKS READY	FOR INDUSTRIAL NEEDS
• Plug + Play • UR+ certified product • Free programming software	• Assembly and part insertion • Part finishing • Machine tending & product testing	• Fully metallic hardware • Wear-free sensing technology • High-resolution sensor

Pick and Place   Finishing   Assembly   Quality Testing   Machine Tending   Insertion
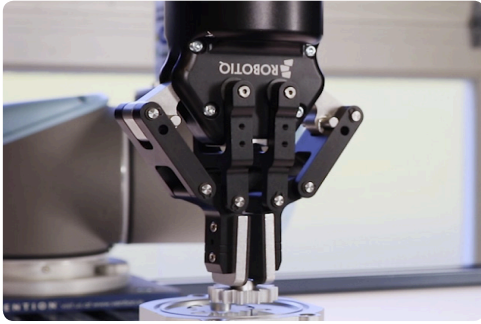
START PRODUCTION FASTER

PERFORM HIGH-PRECISION ASSEMBLY TASKS

USE OUR FREE, READY-TO-USE SOFTWARE PROGRAMS

TEACH YOUR ROBOT IN SECONDS

PROGRAM COMPLEX ROBOT TRAJECTORIES IN NO TIME

SPECIFICATIONS	FX	FY	FZ	MX	MY	MZ
Measuring range		± 300 N			± 30 Nm	
Overload capacity		500%			500%	
Signal noise		0.1 N		0.005 Nm		0.003 Nm
Recommended threshold for contact detection		1 N		0.02 Nm		0.01 Nm
Tool deflection at maximum measurable load		0.01 mm			0.17 deg	0.09 deg
External noise sensitivity			Immune			
Data output rate (data stream mode)			100 Hz			
Mass			300 g			
Communication protocol			Modbus RTU / Data stream (RS-485)			

* All specifications are provided for reference only. See User Manual at support.robotiq.com for official specifications.

WHAT'S NEXT?

Get access to the FT 300 Force Torque Sensor specifications at
support.robotiq.com

Chat with the Robotiq sales team:
iss@robotiq.com
1-888-ROBOTIQ

Place your contact information here

ROBOTIQ | LEAN ROBOTICS

UNIVERSAL ROBOTS+ Certified

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robotiq.com