



Collaborative Robot UR15

UR15 is a six-axis collaborative robot with a payload of 17.5 kg and a reach of 1300 mm, designed for fast and precise operations in space-constrained environments. It features a compact design, high operating speed (up to 5 m/s), and easy integration with industrial automation systems as well as educational and research setups. In academic and research applications, the UR15 serves as a flexible platform for experiments in motion control, human-robot interaction (HRI), trajectory programming, a...

Parameter	Value
Position repeatability	± 0.05 mm
Lifting capacity (without gripper)	17 kg
Range	1300 mm
Degrees of freedom	6
Protection level	IP65
Ports on the controller	2 × DI, 2 × DO, 2 × AI, 2 × AO
Communication interfaces	Profinet, Ethernet/IP, Modbus TCP, USB 2.0 / 3.0
Force / torque sensor	Three-axis force/torque sensor in the end joint (ranges: ± 150 N / ± 10 Nm)