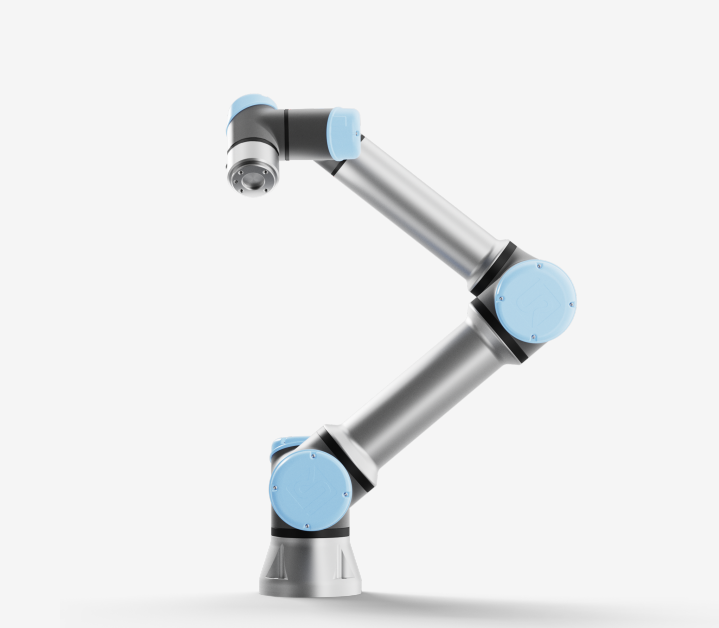




UR7e

General specification

Payload	7.5 kg / 16.5 lbs
Reach	850 mm / 33.5 in
Degrees of freedom	6 rotating joints
Programming	12 inch touchscreen with PolyScope graphical user interface
Power consumption	
Maximum power	570 W
Operating temperature range	Ambient temperature: 0-50 °C / 32-122 °F
Safety functions	23 configurable safety functions
In compliance with	EN ISO 13849-1 (PLd Category 3), EN ISO 10218-1

UR7e Robot Arm

Performance

Force sensing, tool flange/torque sensor	Force, x-y-z	Torque, x-y-z
Range	± 50.0 N	± 10.0 Nm
Precision	± 3.5 N	± 0.2 Nm
Accuracy	± 4.0 N	± 0.3 Nm

Movement

Maximum TCP speed	4 m/s	
Pose repeatability per ISO 9283	± 0.03 mm	
Axis movement	Working range	Maximum speed
Base	± 360°	± 180°/s
Shoulder	± 360°	± 180°/s
Elbow	± 360°	± 180°/s
Wrist 1	± 360°	± 180°/s
Wrist 2	± 360°	± 180°/s
Wrist 3	± 360°	± 180°/s



UR7e

Technical specification

The UR7e brings ultimate flexibility to medium-duty applications with a payload of up to 7.5 kg and a reach of 850 mm.

Today, more than 100,000 UR collaborative industrial robots have been delivered to customers across industries and around the world. The e-Series of cobots brings incredible flexibility and unparalleled ease of use to your application.

Updated September 2026
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Features

IP Classification	IP54
Noise	< 65 dB(A)
Arm mounting	Any orientation
I/O Ports at tool flange	
Digital In	2
Digital Out	2
Analog In	2 or 1 x RS485
Power supply voltage	12/24 V
Power supply	1.5 A (Dual pin), 1 A (Single pin)

Physical

Footprint	Ø151 mm
Materials	Aluminum, plastic, steel
Tool flange	EN ISO-9409-1-50-4-M6
Connector type	M8 8-pin female
Cable length (robot arm)	6 m / 236 in
Weight including cable	20.6 kg / 45.4 lbs
Humidity	≤ 90% RH (non-condensing)

Contact

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Teach Pendant

Features

IP classification	IP54
Humidity	≤ 90% RH (non-condensing)
Display resolution	1280 x 800 pixels

Physical

Materials	Plastic
Teach pendant size (W x H x D)	300 mm x 231 mm x 50 mm / 11.8 in x 9.1 in x 1.97 in
Weight	1.6 kg / 3.5 lbs including 1 m of teach pendant cable
Cable length	4.5 m / 177.17 in

Control Box

Features

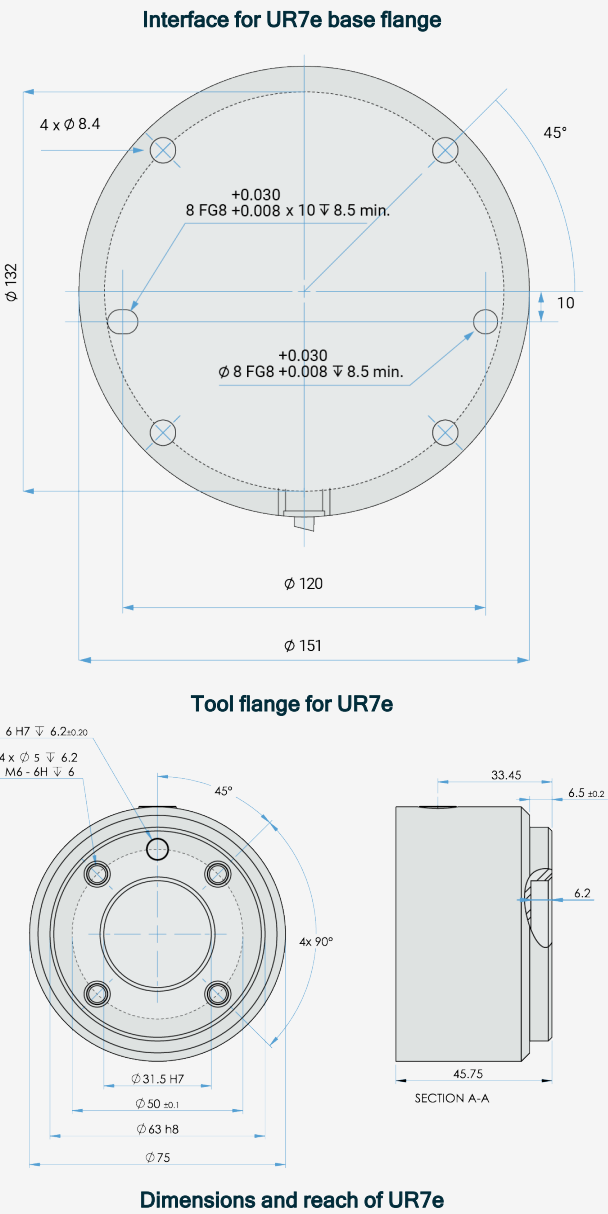
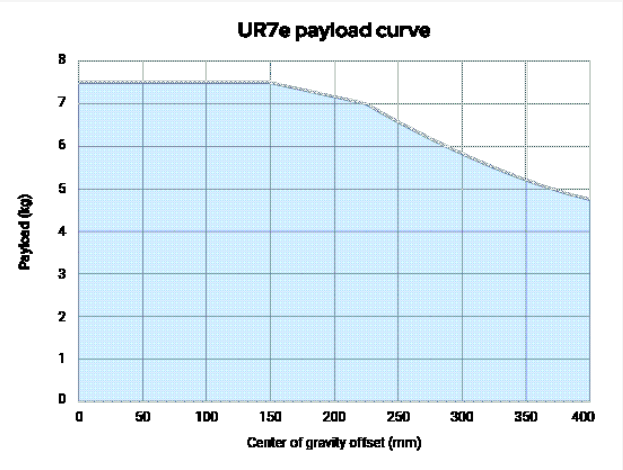
IP classification	IP44
Humidity	≤ 90% RH (non-condensing)
I/O Ports	
Digital In	16
Digital Out	16
Analog In	2
Analog Out	2
Quadrature digital inputs	4
I/O Power Supply	24V, 2A
Industrial protocols	Modbus TCP (Client/Server)
	Ethernet/IP Adapter
	PROFINET device, PROFIsafe
	ROS/ROS2
	Ethernet 1 Gb/s
Hardware interfaces	USB 2.0 USB 3.0
	Mini DisplayPort
	Injection Moulding Machine Interface (SPI AN-146 & Euromap-67)*
Power Source	100-240 VAC, 47-440 Hz

*Only valid for OEM version.

Physical

Control Box Size (W x H x D)	460 mm x 449 mm x 254 mm / 18.2 in x 17.6 in x 10 in
Weight	12 kg / 26.5 lbs
Materials	Powder coated steel

The control box is also available in an OEM version.



Dimensions and reach of UR7e

