



UNIVERSAL ROBOTS

A Teradyne Robotics Company

TP7

Generation 7 - g-Series 01

Technical datasheet

Updated September 2026

Copyright © 2026 by Universal Robots A/S. All rights reserved.



TP7

General specification

Screen	Size: 11.6", resolution: 1920x1080p, aspect ratio: 16:9
Communication	USB 2.0 Type A
Buttons	2x user-configurable smart buttons
E-stop	EN ISO 10218-1:2025
3PE enabling device	EN ISO 10218-1:2025
Features	2x smart buttons, virtual joystick, multi-gesture touch

Environment

Operating temperature	0-50 °C with reduced performance from 35 °C and up.
Humidity	≤ 90% RH (non-condensing)
Pollution degree	2

Protection

IP classification	IP54
-------------------	------

Physical

Teach pendant size (W x H x D)	302 mm x 241 mm x 25 mm
Materials	Aluminium, PC/ASA plastic
Weight	1.415 kg / 3.12 lb, incl. 1 m Teach Pendant cable

Compatibility

Controller	CB7 Core CB7 Core Compact CB7 Core Compact 0.55m
Software	PolyScope X

Teach Pendant Cable

Description

Teach Pendant port	ethTP (Ethernet)
Connection	TP7 to CB7 via dedicated Teach Pendant port
Cable length (standard)	5 m, 12 m

Contact

UR HQ address

UR HQ phone

UR email

UR website

Universal Robots A/S
Energivej 51
5260 Odense, Denmark
+45 89 93 89 89
sales@universal-robots.com
universal-robots.com



UNIVERSAL ROBOTS

A Teradyne Robotics Company

TP7

Generation 7 · g-Series 01

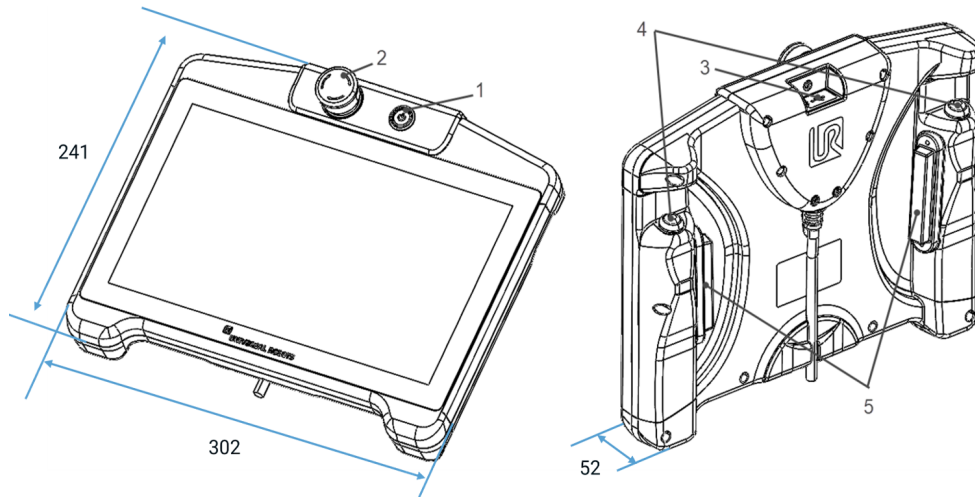
Technical datasheet

Updated September 2026

Copyright © 2026 by Universal Robots A/S. All rights reserved.



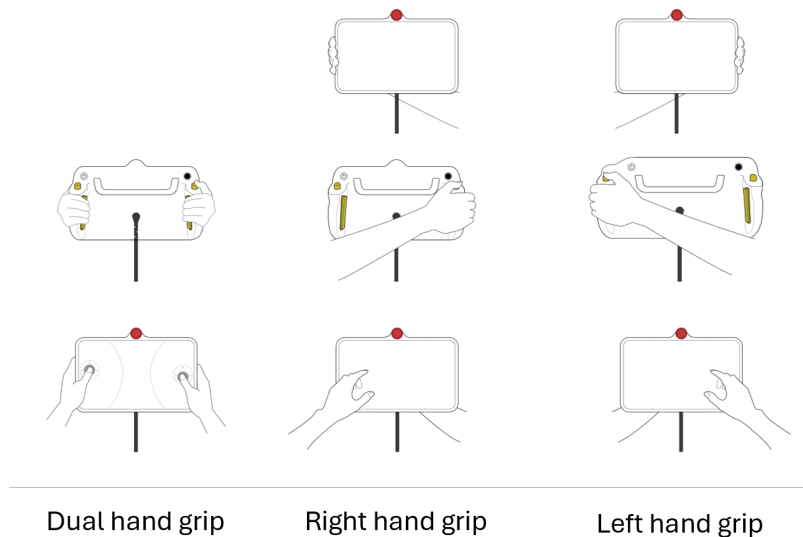
TP7 dimensional diagram



- 1. Power switch
- 2. Emergency stop
- 3. USB port

- 4. Configurable smart buttons
- 5. 3PE devices

TP7 gripping positions



Dual hand grip

Right hand grip

Left hand grip

Contact

UR HQ address

UR HQ phone

UR email

UR website

Universal Robots A/S
Energivej 51
5260 Odense, Denmark
+45 89 93 89 89
sales@universal-robots.com
universal-robots.com