



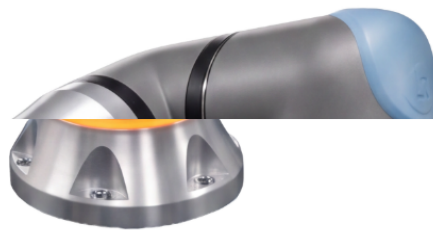
Industrial automation. Built for AI.

Built on seven generations and 100,000+ deployments: g-Series robots, CB7 controller, TP7 teach pendant and SP7 smart panel — all powered by PolyScope X.

[Get a demo](#)

Introducing the Universal Robots Gen 7 Platform

The Universal Robots Gen 7 Platform is designed to connect today's proven collaborative robotics with tomorrow's intelligent automation. Built on a unified hardware and software architecture, it provides the performance, flexibility, and scalability manufacturers need to deploy automation faster and adapt as their needs evolve.



A platform-level leap in performance, connectivity and serviceability

Every feature in Gen 7 had to earn its place. Built from in-depth customer interviews and real-world field experience, it is a system prototyped, tested, and validated for industrial deployment.

The most advanced robot in its class

Gen 7 unlocks your most challenging automation tasks.

- Industry-leading payload-offset curve for demanding loads
- 5 m/s TCP speed for faster cycle times
- OptiMove motion engine for superior precision and reach
- TP7 teach pendant and SP7 smart panel for faster teaching, operation, and service
- Purpose-built connectivity at the tool for advanced automation without the complexity

Built for AI. At the front of the revolution.

Gen 7 is engineered to run AI, not retrofitted for it:

- CB7 delivers the highest compute capacity of any Universal Robots controller
- Power and data at the tool flange for cameras, force sensing and smart end effectors
- PolyScope X offers open APIs and an SDK to build and run AI applications natively
- A growing catalog of validated AI applications is ready to deploy today

Advanced. Not complicated.

Get up and running without extensive facility modifications:

- Lightweight g-Series arms mount almost anywhere and run on standard power
- Built-in connectivity drops Gen 7 into the equipment, HMI and PLCs you already run
- Existing engineers program in familiar ways, backed by UR Academy
- The result: intelligent automation is an upgrade, not an overhaul.

The g-Series

7th generation collaborative industrial robots, connected and enabled at the tool.
Industrial. Versatile. AI-Ready.

				
UR8 Long	UR15	UR18	UR20	UR5
Maximum Payload Up to 10 kg / 22 lbs	Maximum Payload 17.5 kg / 38.58 lbs	Maximum Payload 18 kg / 39.7 lbs	Maximum Payload 25 kg / 55.1 lbs	Maximum Payload 5 kg / 11 lbs
Reach 1750 mm / 68.9 in	Reach 1300 mm / 51.2 in	Reach 950 mm / 37.4 in	Reach 1750 mm / 68.9 in	Reach 1300 mm / 51.2 in
Footprint Ø204 mm	Footprint Ø204 mm	Footprint Ø204 mm	Footprint Ø 245 mm	Footprint Ø 245 mm
Weight 44.7 kg / 98.5 lbs	Weight 40.7 kg / 89.73 lbs	Weight 39.2 kg / 86.42 lbs	Weight 64 kg / 141.1 lbs	Weight 63.5 kg / 140.1 lbs
More details	More details	More details	More details	More details

CB7 Core controller

CB7 Core is the first controller in the new CB7 controller family at the center of Gen 7, available in cabinet and OEM AC configurations. Designed to increase compute headroom, expand connectivity, and improve reliability, while reducing footprint by 20% and improving access for integration and maintenance.

- CB7 Core: 3x 1 GbE, 16 configurable DI/DO, 24 Vdc 4 A PSU
- OEM AC configurations for machine builders
- IP54 enclosure, field-replaceable cables

[Explore CB7](#)



TP7 teach pendant



TP7 Teach Pendant is the primary operator interface for the Gen 7 platform, designed to make robot programming and operation faster, easier, and more intuitive. Featuring a responsive touchscreen, integrated virtual joystick, and streamlined user experience, it helps users move from setup to production with confidence.

- Responsive touchscreen interface
- Integrated virtual joystick
- Simplified programming and operation
- Streamlined user experience with PolyScope X

[Explore TP7](#)

SP7 smart panel

The SP7 Smart Panel is a new operator interface designed to bring robot control closer to the application. Mounted directly at the tool, it enables intuitive two-hand robot maneuvering while providing convenient access to key controls, helping simplify setup, operation, and task execution.

- Mounted directly at the tool
- Intuitive two-hand robot maneuvering
- Convenient access to key controls
- Improved flexibility and ease of use

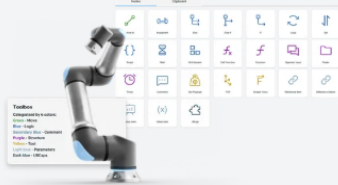
[Explore SP7](#)



Powered by PolyScope X

Gen 7 runs on PolyScope X — one native, distributed software platform that aligns hardware, software, and ecosystem integrations. It is the operating environment for the entire Gen 7 platform, with open APIs and an SDK to build and run AI applications natively, plus onboard logic programs for sequencing without an external PLC.

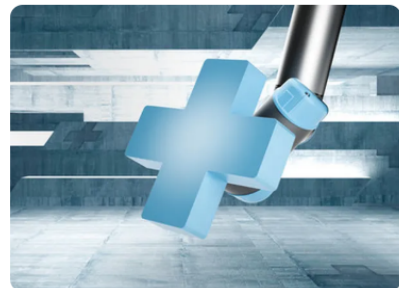
[Explore software](#)



Works with your entire UR+ ecosystem

Gen 7 is fully compatible with UR+. Expand your automation with certified AI tools, peripherals, software, and end-to-end solutions — all designed to work with the g-Series out of the box.

[Explore UR Plus](#)



Ready to
automate with
confidence?

Work Email *

First Name *

Last Name *

Talk to a UR expert and see how Gen 7 fits your application.

Phone *

Company *

Country/Region *

Zip *



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