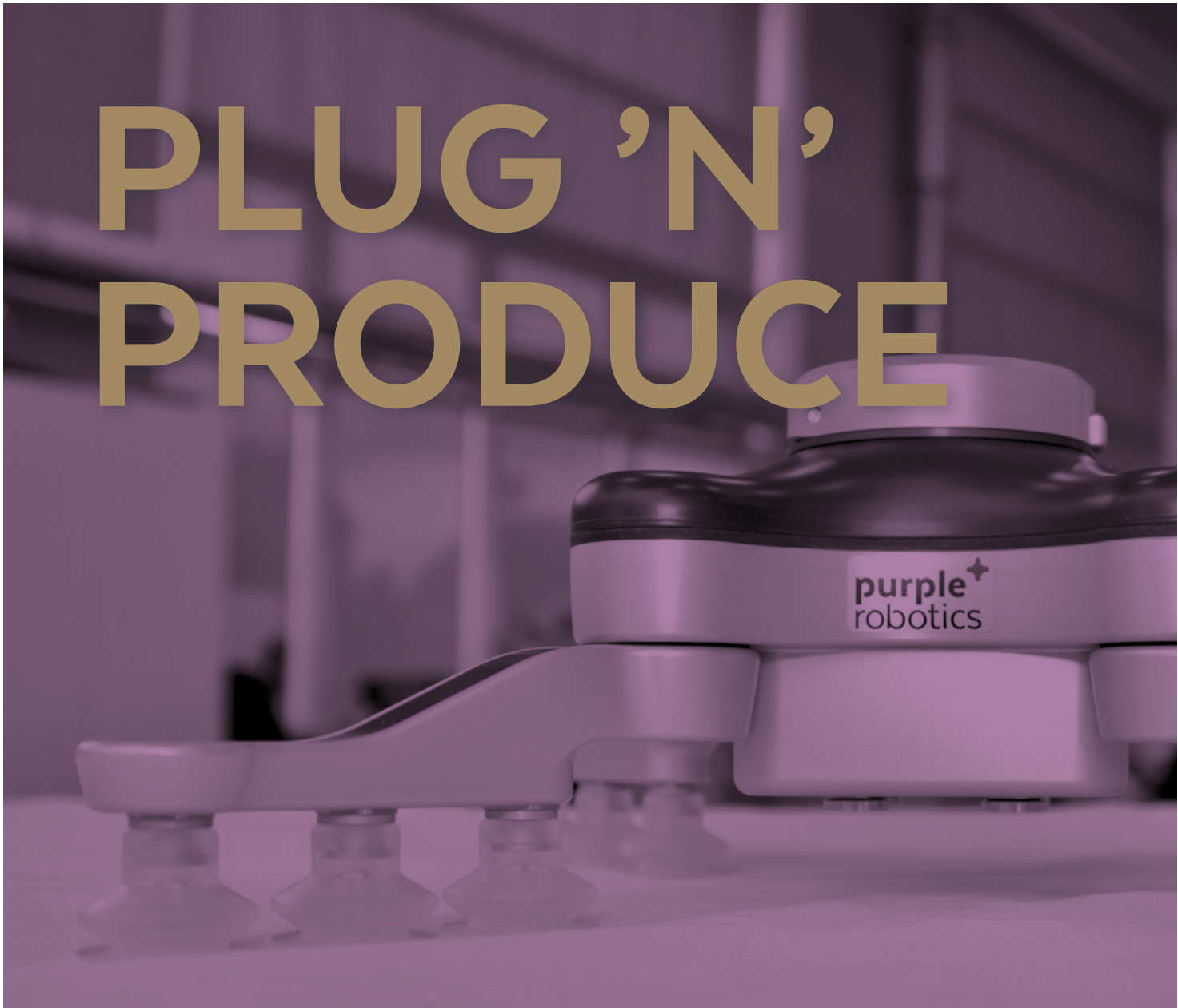


PLUG 'N' PRODUCE



purple+
robotics

**No external
air supply**

**Dual grip
function**

**Vacuum
sensors
feedback**

**Easy
programming
by UR cap**

**Patent
pending
'click on'
system**

**Flexible
adjustment
of suction
cup arms**

**10 kg
payload**

**Energy
saving**

**Configurable
suction cups**



PR10



The PR10 vacuum gripper is an end-of-arm tooling especially designed for collaborative robot applications. The flexible arms and adjustable vacuum enables the PR10 to handle a variety of object in many different sizes.

Seamless integration with Universal Robots and support of generic robot interfaces makes the PR10 ideal for all types of robots.

The PR10 comes with dual grip functionality, tool changer and a variety of typical vacuum cups. PR10 is a truly Plug & Play solution. It works straight out of the box and into you production line in less than 30 minutes.

	Min	Typical	Max	Unit
Vacuum	5 % -0,05 1,5	-	80 % -0,810 24	Vacuum bar inHg
Air flow	0	-	12	NI/min
Power supply		24		V
Current consumption	50	600	1500	mA
Operating temperature	0 32	-	50 122	°C F
Gripping zones	1	-	2	
Reach	32	-	358	mm
Adjustable arms	0	-	270	degrees
Holding torque (arms)		6		Nm
Payload	- -	- -	10 22	kg lb
Vacuum cups	1	-	16	pcs.
Gripping time	-	0,35	-	s
Release time	-	0,20	-	s
Foot-inch-foot (UR10)	-	1,40	-	s

Vacuum pump	Integrated
Mechanical interface	ISO 9409-1, type 50-4-M6
Electrical interface	8-pole M8
Digital interfaces	URCap, MODBUS RTU, 24V I/O
IP classification	IP54
Dimmensions (folded)	146 x 146 x 102 mm 5.75 x 5.75 x 4.00 inch
Dimmensions (unfolded)	390 x 390 x 102 mm 15.35 x 15.35 x 4.0 inch
Weight	1.70 kg 3.75 lb

Why Purple Robotics?

At Purple Robotics we have a mission to make automation easy and safe.

This helps companies to be up producing in just a short time.

The coworkers of a collaborative application, will be more involved in automating, due to the easy programming.

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Purple Robotics ApS
Forskerparken 10F
5230 Odense M
D E N M A R K

info@purple-robotics.com
Phone: (+45) 61 79 11 89
-
www.purple-robotics.com

purple
robotics 