

Datasheet

Mimic kit for Universal Robots

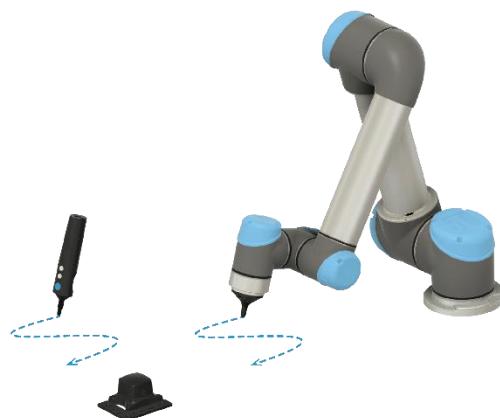


Record, Transfer, Mimic!



With the Mimic kit it becomes possible to automate high mix and low volume manufacturing. With its unique electromagnetic sensor that does not require line of sight, users can record and replicate complex movements that are challenging to automate. The Mimic kit records both orientation and rotation, drastically reducing the time spent programming and reprogramming. The Mimic kit for Universal Robots consist of a sensor kit, joystick, calibration tools and URCap for easy installation on Universal Robots.

Applications



- ✓ Deburring
- ✓ Gluing
- ✓ Grinding
- ✓ Painting
- ✓ Pick & Place
- ✓ Polishing & Buffing

Nordbo Robotics A/S
Noatunvej 2
5000 Odense Denmark

info@nordbo-robotics.com
+45 81 81 98 81

Copyright © 2020, Nordbo Robotics A/S. All Rights Reserved.



Datasheet

Mimic kit for Universal Robots



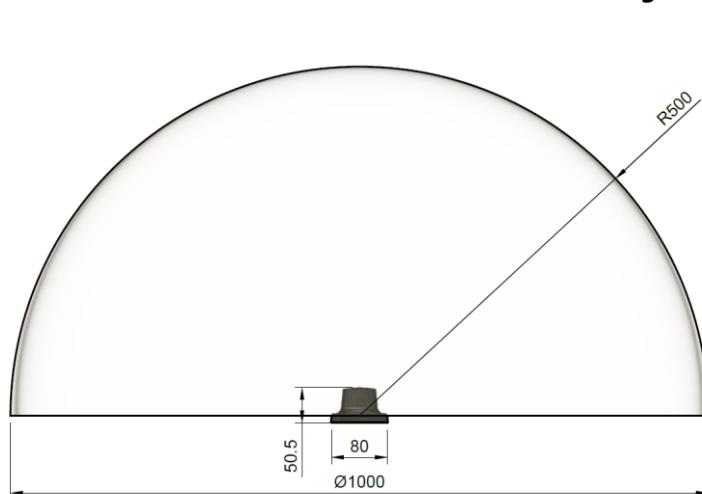
Technical Specifications

Working area orientation	6 selectable hemispheres
Recommended sensor distance	500 mm
Positional precision at 200 mm distance X, Y, Z (2σ)*	<0.5 mm
Positional precision at 500 mm distance X, Y, Z (2σ)*	<1.5 mm
Rotational precision (RX, RY, RZ)*	<0.5°
Sample frequency	80 Hz
Connection	Ethernet
Power Requirements	12 VDC
Operating temperature**	0° to 50°
Operating humidity**	< 85%

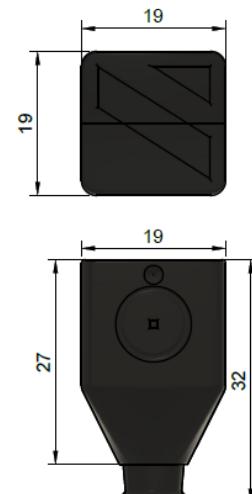
*Based on 1200 samples

** To be confirmed

Transmitter dimensions & recommended range



Receiver dimensions



Package Content

One product package includes:

- 1x Controller box
- 1x Joystick
- 1x Power Supply 12V 5A
- 1x Power Cable
- 1x Receiver Antenna
- 1x Transmitter Antenna
- 1x Ethernet Cable 2m
- 1x URCap

Web interface with real-time view

