

ER-FLEX-MAX

SPECIFICATION



ER-ABILITY

The ER-FLEX-MAX comes with the ER-ABILITY software, providing an coherent user interface for programming and operating the robot. Features of the software includes:

- Easy to use programming interface
- Vision system for precise localization to markers
- Reading of QR and bar-codes
- Communication with external IT systems through REST or OPC-UA

Arm Options

	UR20	UR30
Arm Payload	20 kg	30 kg
Arm Reach Excluding tool	1750 mm	1300 mm

Physical

Foot print	1350 × 910 mm
Load space	1030 × 864 mm
Weight	460 kg
Transport Payload	380 kg
Max Driving Speed	2 m/s

Power

Battery	34.2 Ah / 1.63 kWh
Operation*	4 hours (100% - 10%)
Utilization*	18½ hours per day

*Operation and utilization are estimates

Environment

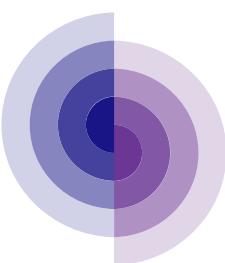
Humidity	10–95% non-condensing
Ambient temperature	5 - 40°C Max ambient temp for 1 h
IP rating	IP52 Arm and Tower - IP54

Other

WiFi	Dual-Band Wireless b/a/g/n/ac
Vision precision	1 mm relative to markers

Safety

- Laser Scanners**
Detects objects from afar, 360°
- 3D Cameras**
Detects objects taller than 40 cm
- Proximity sensors**
Scans the floor surrounding the robot
- Protective Stop**
Arm enters protective stop in case of unexpected forces



ENABLED ROBOTICS