

KAIROS

A completely integrated Collaborative Mobile Manipulator (CMM) for industrial tasks.

- ▶ Pick & Place
- ▶ Metrology
- ▶ Part Feeding
- ▶ Industrial Applications
- ▶ R & D

TECHNICAL SPECIFICATIONS: MECHANICAL

Dimensions 978 x 776 x 1.542 mm

Weight 115 kg + 33,5 kg

Payload Up to 250 kg

Speed 1,5 m/s

Environment Indoor

Enclosure class IP52

Autonomy Up to 12 h

Batteries LiFePO₄ 15Ah@48VDC or 30Ah@48VDC

Traction motors 4 x 500 W
brushless servomotors
with safety brake

Temperature range 0 to +50 °C

Max. slope 15 %



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TECHNICAL SPECIFICATIONS: CONTROL

Controller Open architecture ROS
Integrated CPU with Linux

Communication WiFi 02.11a / b / g / n / ac
Bluetooth 5.1 (5G/4G optional)

Connectivity USB, RJ45, power supplies 12,
24 VDC and batteries

Ready for plug and play integration of Universal Robots™ arms (OEM DC Version)

TECHNICAL SPECIFICATIONS: UR10E

Payload 12,5 kg

Reach 1.300 mm

Ready for integration of compatible accessories arm available in ROS Components store

