

Perfect solutions for all  
hands-on robotic training courses  
\_ready2\_educate



## KUKA ready2\_educate: Easy learning of the professional use of robots

KUKA ready2\_educate is the perfect training cell for hands-on education in robotics. It was specially designed for schools, universities and company training facilities.

With the mobile training cell, the skilled specialists of tomorrow learn the professional use of industrial robots.

ready2\_educate at a glance:

- High flexibility
- Fully equipped
- User-friendly
- Modular design for expansion
- Space-saving
- Plug'n'teach
- Training materials starting at "pro" configuration level (available for schools, universities and company training facilities upon request)

With ready2\_educate, the skilled specialists of tomorrow can be trained in the professional operation of industrial robots. In this way, they receive optimal training in robotics. The modular training cell incorporates the KR 4 AGILUS small robot and KUKA's service-proven KR C5 compact controller – while also being equipped and preconfigured for special didactic applications.

Another plus point: thanks to its manageable size, the cell can be transported easily on a hand forklift. Beyond this, it also fits through standard doorways and in typical passenger elevators.

Depending on the configuration level (see product matrix), the ready2\_educate packages offer you the following advantages:

- Agile training applications tailored to the KR 4 AGILUS as well as a second application surface for individual tasks
- Everything in a single package: gripper, magazine with cubes, pen, paper holding frame and “hot wire” practice set
- Preconfigured and ready for operation – including example programs and exercises
- Exercises and levels of difficulty can be customized by reconfiguring the modules on the grid of the application plate
- Cleverly built cell which can fit in any training room

#### KR 4 AGILUS

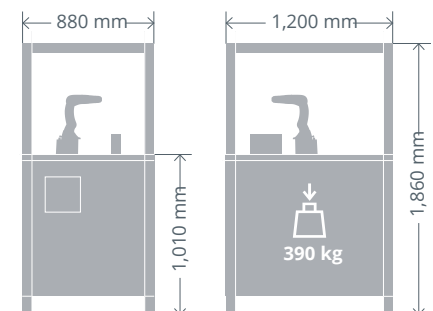
KR 4 R600

Max. reach	601 mm
Rated payload	4.63 kg
Pose repeatability	±0.015 mm
Number of axes	6
Installation position	Floor, ceiling, wall, angle
Robot footprint	179 mm x 179 mm
Weight (only robot, excluding controller), approx.	27 kg
Controller	KR C5 compact



#### Product matrix overview

Features	ready2_educate _basic	ready2_educate _pro	ready2_educate _advanced
Cell housing	✓	✓	✓
Electric components	✓	✓	✓
Simple standard gripper	✓	-	-
Application gripper	-	✓	✓
Cubes	✓	✓	✓
KR 4 application	-	✓	✓
PLC and touchscreen	-	-	✓
Option Vision	optional	optional	optional
Upgrade pro	optional	-	-
Upgrade advanced	optional	optional	-



#### Power supply (must be provided by the customer)

Rated supply voltage	200 V AC to 240 V
Permissible tolerance or rated voltage	±10 %
Main frequency	50Hz±1Hz/60Hz±1Hz
Rated connected load	2 kVA
Thermal power dissipation	max. 400 W
Main-side fusing	2 x 16 A slow-blowing (1 [2] x phase, 1 x neutral conductor [optional])

#### Compressed air supply (must be provided by the customer)

Compressed air	oil-free, dry, filtered (max. particule size 0.01 mm)
Operating pressure	6 bar, max. 8 bar

