S7-80 Eco

S Series robot redefines programming mode, establishing a shared safety space between humans and robots. Through seamless integration with AI, it delivers flexible manufacturing solutions for enterprises, embodying unparalleled intelligence, efficiency, safety and reliability.

7kg	**800mm**
Payload	Reach
22kg	**±0.03mm**
Weight	Repeatability

Safety

- Emergency stop, incl. STO, SBC, conforms to EN ISO 10218-1, EN ISO 13849-1 PId.Cat.3.
- Sensitive to collisions.
- Brakes built into all axes.

Performance

- Paired with the speed of traditional industrial robot.
- Precision upgraded to industrial robot level through accurate calibration and compensation.
- Identification and compensation of high precision kinematic models ensure both accurate trajecto r and smooth movement.

Intelligence

- Built-in torque sensor, suppo r ing by wizard force control kit.
- Easy handling with enhanced precision for point-to-point and trajecto r programming.
- Mastering the robot in 60 minutes via graphical UI and intuitive hand guiding.
- Integrated vision system, capable of running in unstructured and dynamic automation.

- Comprehensive manuface $ emanm ˆ ndav thre ma ş ethv ohe q C Ĵ = atcu ض iog ض alibrati Ŏ ps ₩ hnsurf

Control Cabinet

Various end effectors can be quickly switched to match multiple industrial applications

Teach Pendant optional