

RoCAM

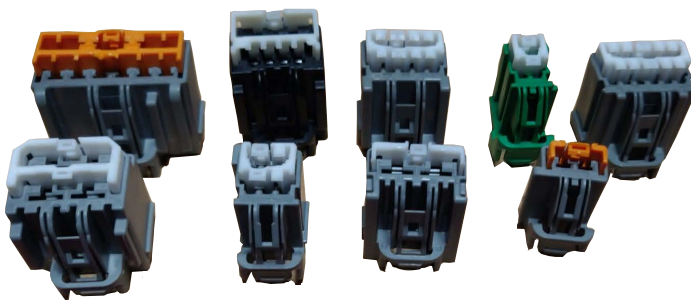
Robotic Connector Assembly Machine

P/N: 01-03-0012



Applications:

Assembly mini connectors in a fast and flexible way



Technical Data:

Dimensions:

Length: 1600 mm
Width: 2100 mm
Height: 2200 mm
Weight: 950 kg



Connections:

Electrical: 230 VAC @ 50 Hz - 1 IEC standard male socket

Consumption: 750 W (peak)

Air pressure: 4.5 to 6 Bar - quick-coupler socket - 8 mm

Interface: Touchscreen, buttons, tower LED, Ethernet, USB

The RoCAM is designed to assembly mini connectors in a fast and flexible way, allowing to change parts to be assembled without need for hardware modifications.

Its uses 2 flexible feeders, that use vision systems to detect the orientation of the parts and 2 Scara robots that pick up the parts and assembly them in a flexible conveyor.

It performs the OK/NOK parts checking using a vision system, automatically sorting the assembled parts to the respective storage.

It includes force and position control to perform the assembly.

Keeping almost the same speed of assembly when comparing with hardware dedicated assembly machines, it allows to use the same machine in different configurations and, more importantly, in new connectors just changing software.