

CONTROLLER & SOFTWARE | „ADVANCED“

The Advanced controller is based on a continuous path control with integrated safety PLC which incorporates state-of-the-art technology. The contouring mode makes it possible to set a constant and maximum speed on the TCP, which ensures additional safety during handling the substrate. The controller runs internally with the Powerlink realtime bus system which improves performance even further.



Advanced controller back

Advanced controller front

CHARACTERISTICS

- innovative user interface
- powerful control electronics „State of the Art“
- integrated safety control according to DIN EN ISO 10218-1
- resolver or EnDat-2.2 encoder
- 19" rack 4HE or table housing
- interface: Ethernet, RS232
- dimensions: W 39 x H 16 x D 41,5 mm
- weight: 10 kg
- option: teach pendant



Advanced controller inside

The high-voltage technology, with the use of an additional linear motor axis is made for very dynamic performance. The supported high voltage technology offers very dynamic behavior when using an additional linear motor axis.

The controller complies with the current international standards for industrial robots. Provision has been made for connection of the ergonomic Teach Pendant with its graphic operating interface, the required functions for safe set-up mode and manual mode. The operating interface integrated into the controller can be visualised on any PC with a VNC viewer. It provides an innovative and intuitive GUI for setting up and managing all functions, a diagnosis and optimisation tool.

The special features of our Advanced hard- and software are that they are our own development, therefore further developments and the know-how are completely isel owned.

SOFTWARE



ACCESSORY

TEACH PENDANT

for advanced controller

- optimal support when setting up an isel wafer handler with advanced controller
- graphical user interface on a 6,5" VGA colour display
- ergonomic multi-grip for fatigue-free work
- hand wheel for jogging operation
- enable switch, key switch and stop button for safe manual operation (complies with EN ISO 13850)

