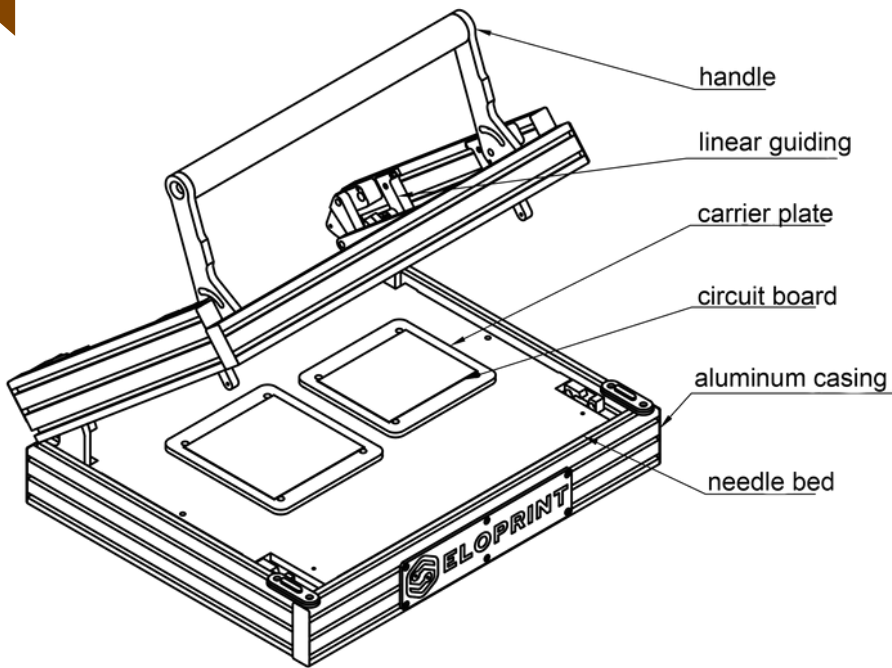


PRODUCT SHEET IDL (INDUSTRIAL LINE)



- + Adaptability through sensors, switches, display elements (LEDs/displays) or switching contact pins for detecting the presence of the test object.
- + Mechanism for linearly pressing the test objects onto the test contact pins.
- + Double-sided contact possible.
- + Individual sizes for very large circuit boards possible.
- + Interchangeable needle bed and exchangeable hold-down device.

CHARACTERISTIC	STANDARD	SPECIAL CASE
Usable area	200*200 mm and 300*300 mm	Adapted to the size of the test specimen
Temperature max.	50°C, 90°C or 120°C	High-performance plastic: >200°C In extreme cases, the test adapters can be made of metal or ceramic
Temperature min.	-20°C	—
ESD protection	Guaranteed by special coating	—
Contact resistance	< 50 mΩ	< 4 mΩ
Current strength	1 Ampere	> 100 Ampere
Interface	freely configurable	—
High frequency	No special precautions	Special coaxial test pins, cables and connectors
Lifespan	> 1,000,000 cycles (often much more in practice)	—
Pitch	≥ 1,27 mm	≥ 0.5 mm (requires closer inspection)
Contact force max.	1000 N	—
Linear stroke	30 mm	—
Material	Aluminum, steel, FR2, PLA, ABS or PC	PA12, ASA, PEEK, PEI, ceramic or acrylic resin
Conformity	RoHS-3	—