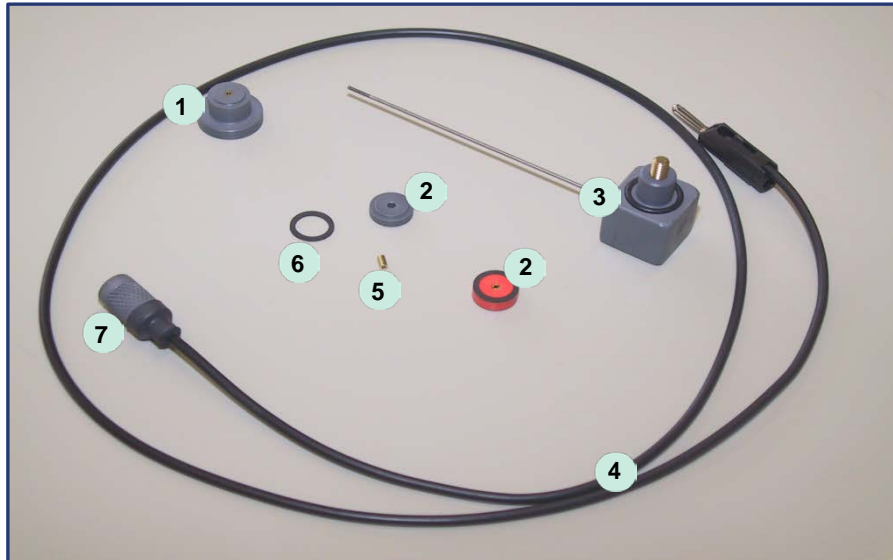


Fixture system for flexible diamond discs

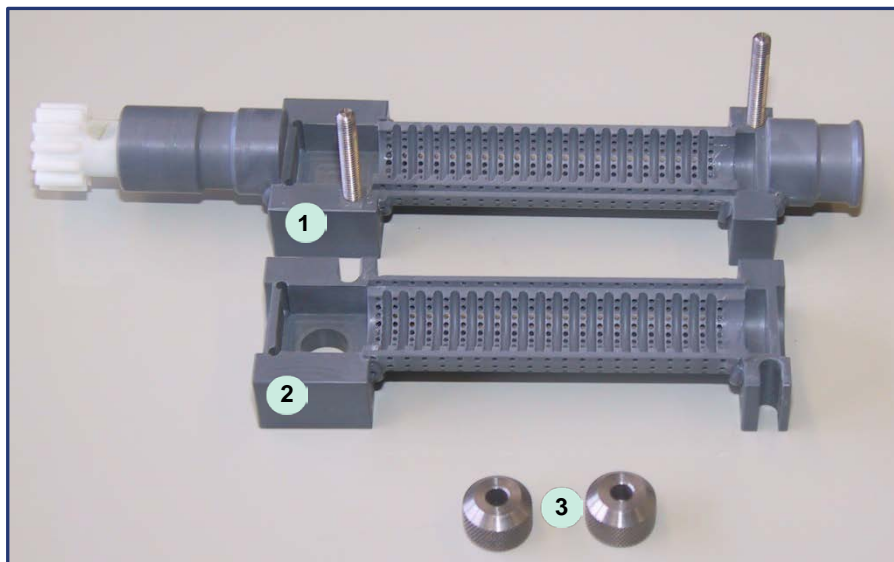
Contact fixture - Components



1. Locking piece
2. PVC spacer
3. Contact block
4. Contact cable
5. Brass contact piece
6. Seal
7. Contact plug



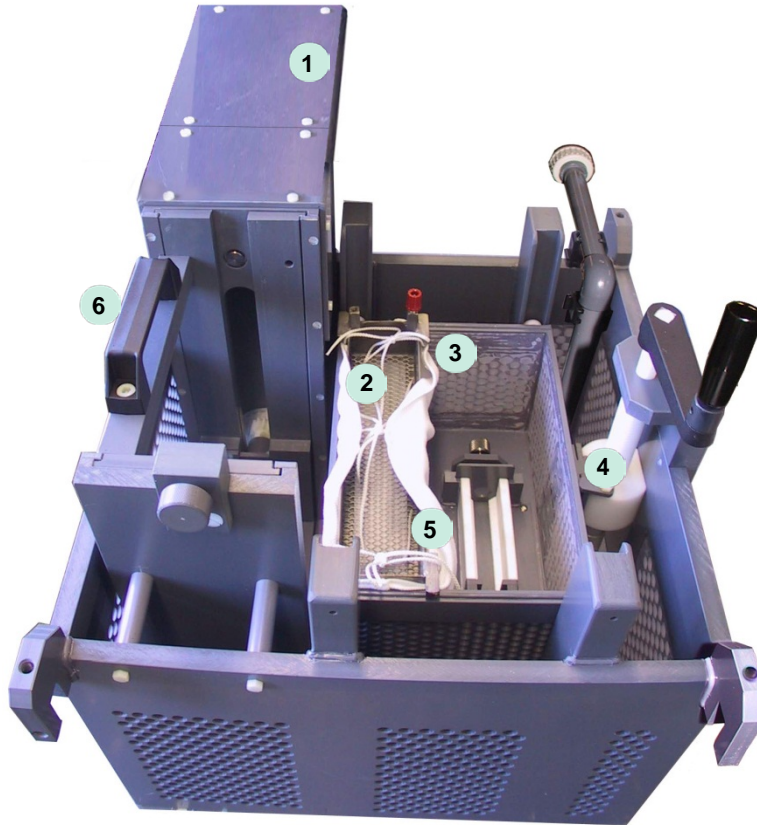
Plating and shielding fixture - components



1. Electro-plating fixture – bottom part
2. Electro-plating fixture – top part
3. Titanium quick-release nuts



Flexible discs electro-plating cassette with diamond tack-down fixture



1. Horizontal motor unit HAE
2. Titanium anode box basket
3. Holding cassette for diamond tackdown fixture
4. Lifting and lowering installation
5. Diamond tackdown fixture
6. Holder for pre-and finish nickel fixture

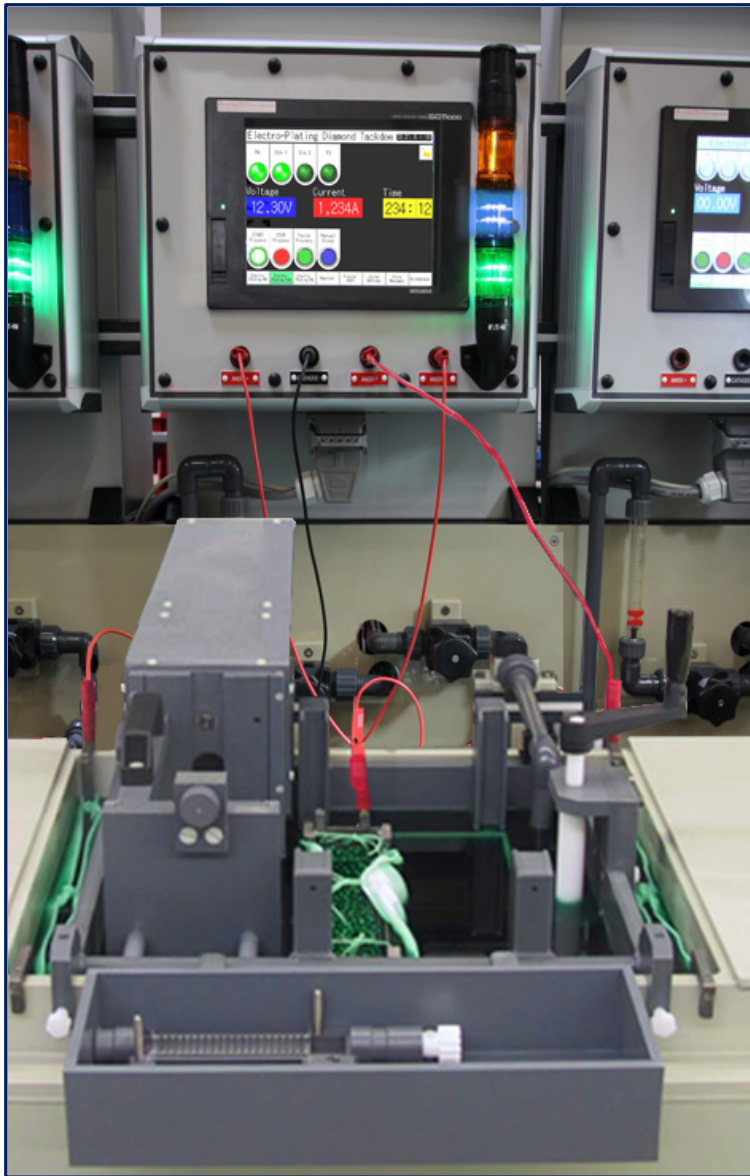
The discs are produced in sets of 10, 15 or 20 pieces.
The fixture is adapted to the respective disc type.

Possible dimensions of the flexible discs:

Outer diameter: 6 mm – 45 mm
Thickness of blank: 0.05 – 0.3 mm



Diamond Electro-Plating Control DBS XX A-45, PLC controlled
Flexible discs electro-plating cassette inserted into electro-plating station



Production capacity per electro-plating station:

Grit size FEPA (US mesh)	Process time (min.)	Production rate (Pieces)			
		Outer Ø: 6 - 23 mm (20 pcs)		Outer Ø: 24 - 45 mm (15 pcs)	
		Single shift (8 h)	Double shift (16 h)	Single shift (8 h)	Double shift (16 h)
D54 (270/325)	75	120	240	96	192
D20 (~800)	65	140	280	112	224