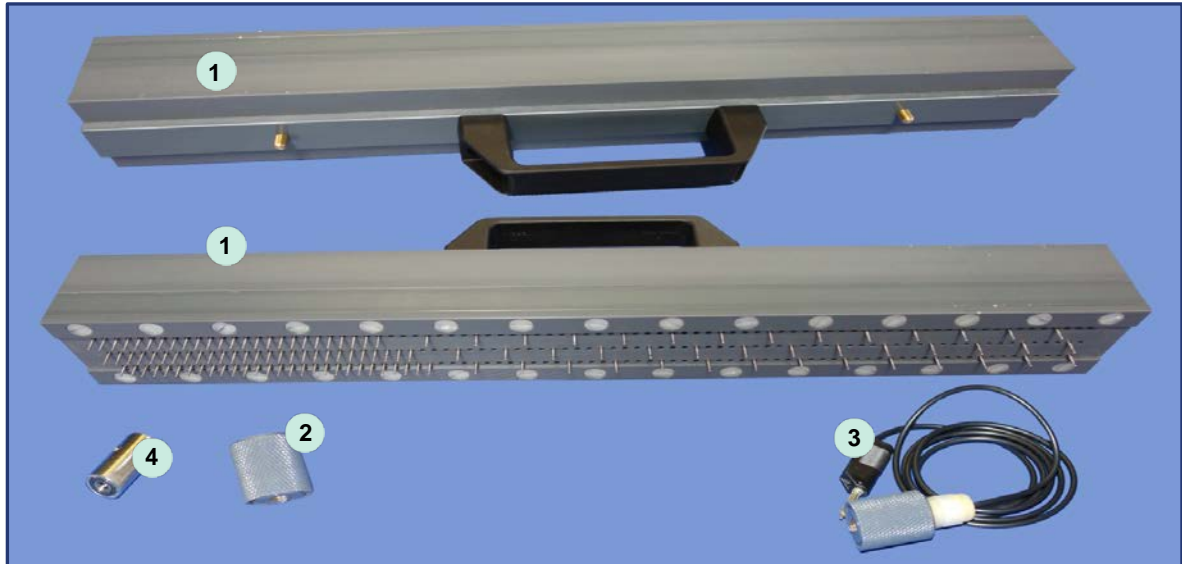


## 生产牙钻的装置系统 FG 460-3/002

### Fixture System for the Manufacturing of Dental Burrs FG 460-3/002

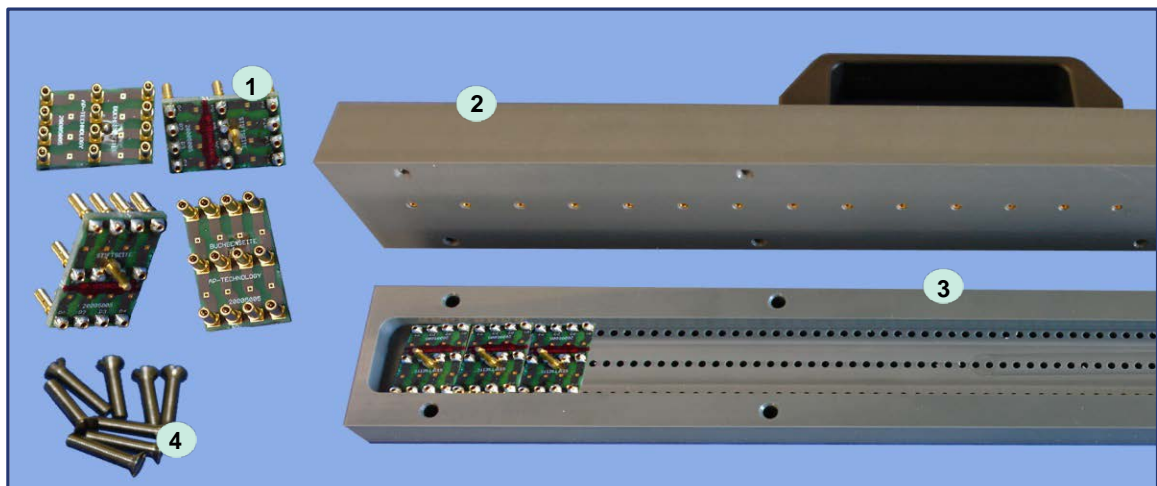
(球形 ≤ 1.0 毫米) (Ball shape ≤ 1.0 mm)

#### 接触装置 Contact fixture



1. 接触板条 Contact strip
2. 预处理中连接辅助阴极的聚氯乙烯绝缘插头  
PVC blind plug for blind-cathode connection for pre-treatment
3. 带有接触插头的连接线 Contact cable with contact plug
4. 接触装置的辅助阴极连接部分 Blind cathode connection piece for contact

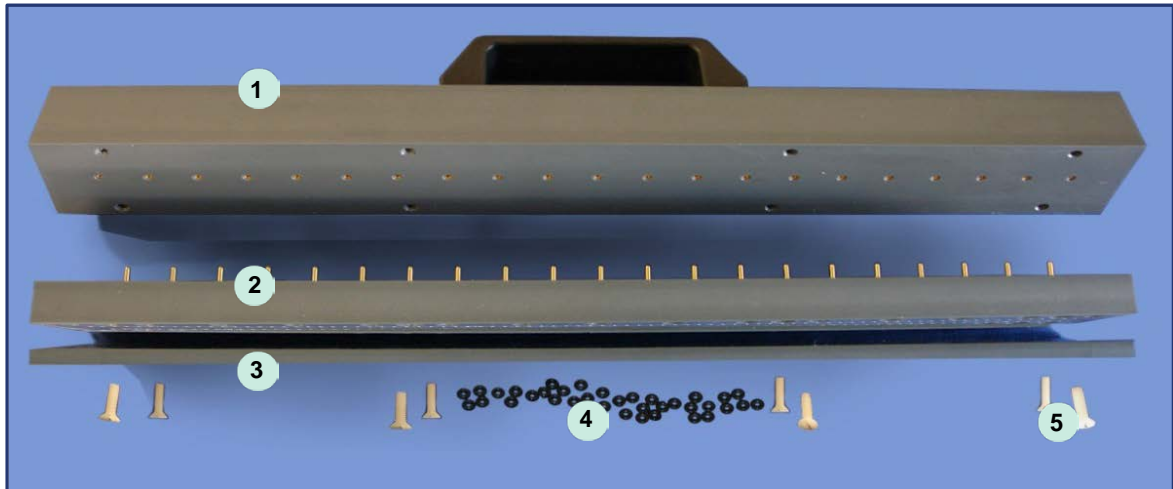
#### 接触模板细节 Detail contact modules



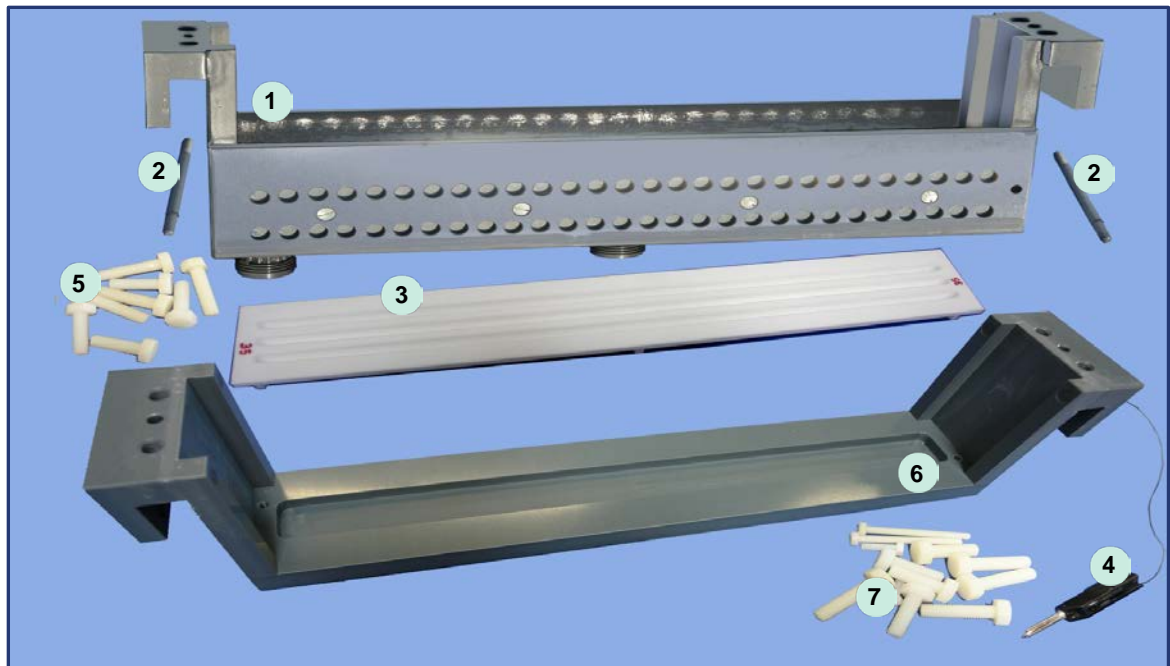
1. 接触模板 FG，每个带有 12 个插槽（21 个/装置）  
Contact modules FG with 12 slots each (21 pcs/fixture)
2. 接触板条- 顶部 Contact strip – top part
3. 接触板条- 底部 Contact strip – bottom part
4. 钛合金螺丝（8 个）Titanium bolts (8 pcs)

### 夹持装置组装 Assembly of contact fixture

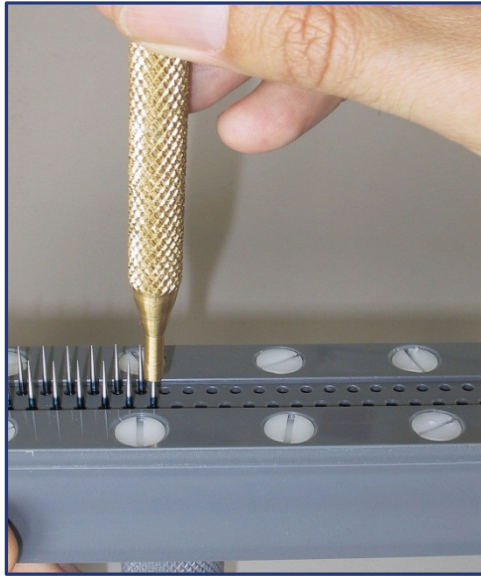
每个接触装置插槽的数量: FG 接触装置: 252 个 Number of slots per contact strip: FG contact fixture: 252 pieces



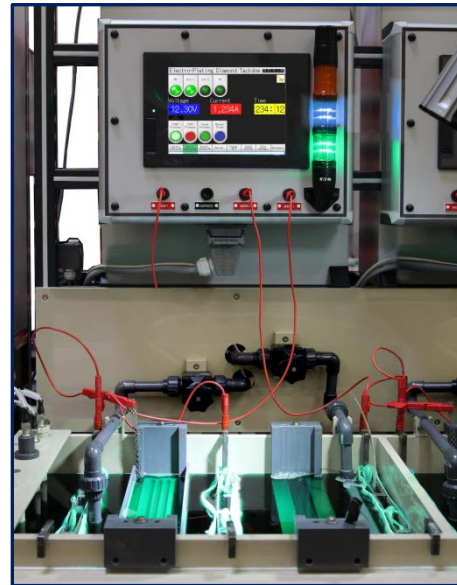
1. 接触板条- 顶部 Contact strip – top part
2. 接触板条- 底部带有接触模板  
Contact strip – bottom part with contact modules
3. 接触板条- 底板 Contact strip – bottom cover
4. 接触插座的 O 环 O-rings for contact sockets
5. 聚丙烯螺丝钉 (30 个) PP screws (30 pcs)



1. 带有金刚石护筛板的金刚石固定支架  
Holder for diamond tack-down insert with diamond retaining sieve
2. 金刚石固定支架的防松栓 (2 个)  
Locking pins for diamond tack-down insert (2 pcs)
3. 金刚石固定插板 (槽;适用于 35 微米金刚石砂粒)  
Diamond tack-down insert (trough; for 35  $\mu\text{m}$  grit size)
4. 带有插头的辅助阴极线 Blind cathode wire with plug
5. 金刚石固定装置的支撑与调节螺丝钉  
Holding and set screws for diamond tackdown fixture
6. 预镀镍和亮镍夹具 Pre- and finish nickel fixture
7. 预镀镍和亮镍夹具的支撑和调节螺丝钉  
Holding and set screws for pre-and finish nickel fixture



钻头毛坯的插入工具  
Push-in tool for dental burr blanks



电镀站，带有预镀镍和亮镍夹具（右），金刚石固定夹具（左）  
Electro-plating station with diamond tack-down fixture (left) and pre- and finish nickel fixture (right)

每个电镀站的生产能力 Production capacity per electro-plating station:			
砂粒大小 Grit size 欧洲标准 FEPA (US mesh)	处理时间 (分) Process time (min)	生产速度 (件) Production rate (pieces)	
		FG 种类 FG type	
		一班制 (8 小时) Single shift (8 h)	两班制 (16 小时) Two shifts (16 h)
D151 (100/120)	195	504	1008
D107 (140/170)	120-135	756-1008	1512-2016
D20 (~800)	50	2268	4536

