

## 切割刀片的蚀刻系统 EDB 4-DPW / AL-XXX 带有铝质轮毂 Etching system EDB 4-DPW / AL-XXX for Dicing Blades

### with Aluminium Hub

用于带有铝质轮毂并且内部掺入金刚石的高精度切割轮（切割刀片）在电镀后的最后处理。  
刀口将在蚀刻过程中显露。

该蚀刻系统包括：

- 一个蚀刻站带有一个热调控器 HS 501-01,一个具有 5 个可编程定时器和提示时间结束的视听信号的处理时间控制器 PZS 510-001, ;一个循环泵以及二联式静态漂洗槽；
- 一个净化槽包括一个周边抽吸装置以及二联式静态漂洗槽；
- 一个热洗站(脱水)用于消除切割刀片上的所有残留水分，以使刀片表面无法形成水印；包括一个热控制器 HS 501-002；
- 一个干燥站包括热风机调控器 HGS 520-001 和一个处理时间调控器 PZS 510-001。

该蚀刻站允许置入 5 个蚀刻装置，每个带有 27 个切割刀片，从而使得 135 个零部件同时被处理。该干燥站可容纳 5 个蚀刻装置，也就是 135 个零部件。

For the final processing of high-precision diamond-penetrated cut-off wheels (dicing blades) with aluminium hub after electro-plating.

The cutting edge is revealed by the etching process.

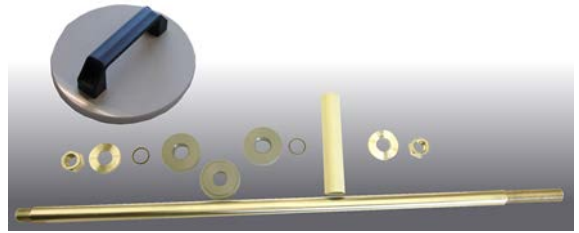
The etching system comprises:

- An etching station with a heater control HS 501-01, a process-time control PZS 510-001 with five programmable timers with visual and acoustic time-end signal; a circulation pump and a two-cascade standing sink;
- A clarifying bath including a rim exhaustion as well as a two-cascade standing sink;
- A hot-rinsing (de-watering) station to eliminate all and any water residues from the blades and thus preventing the formation of spots on the surface; including a heater control HS 501-002;
- A drying station including a hot-air blower control HGS 520-001 and a process-time control PZS 510-001.

The etching station allows the insertion of 5 etching fixtures with 27 pcs. dicing blades each, and thus the simultaneous processing of 135 parts. The drying station can accordingly hold 5 fixtures and thus 135 parts.

### 前视图 Front view





用于蚀刻切割刀片的固定装置，每个带有 27 个铝质轮毂；  
组装(左);零件(右)  
Holding fixture for the etching of dicing blades with AL-hub for 27 pcs each;  
assembled (left); components (right)

