

Etching system EDB 4-DPW / AL-XXX for Dicing Blades

with Aluminium Hub

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

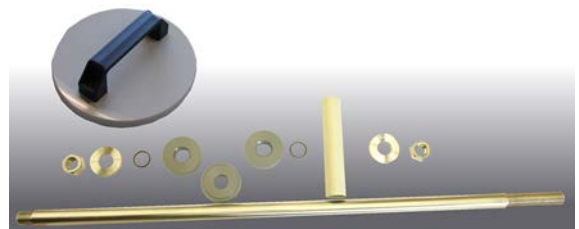
The cutting edge is revealed by the etching process.

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.

Front view



Holding fixture for the etching of dicing blades with AL-hub for 27 pcs each; assembled (left); components (right)

