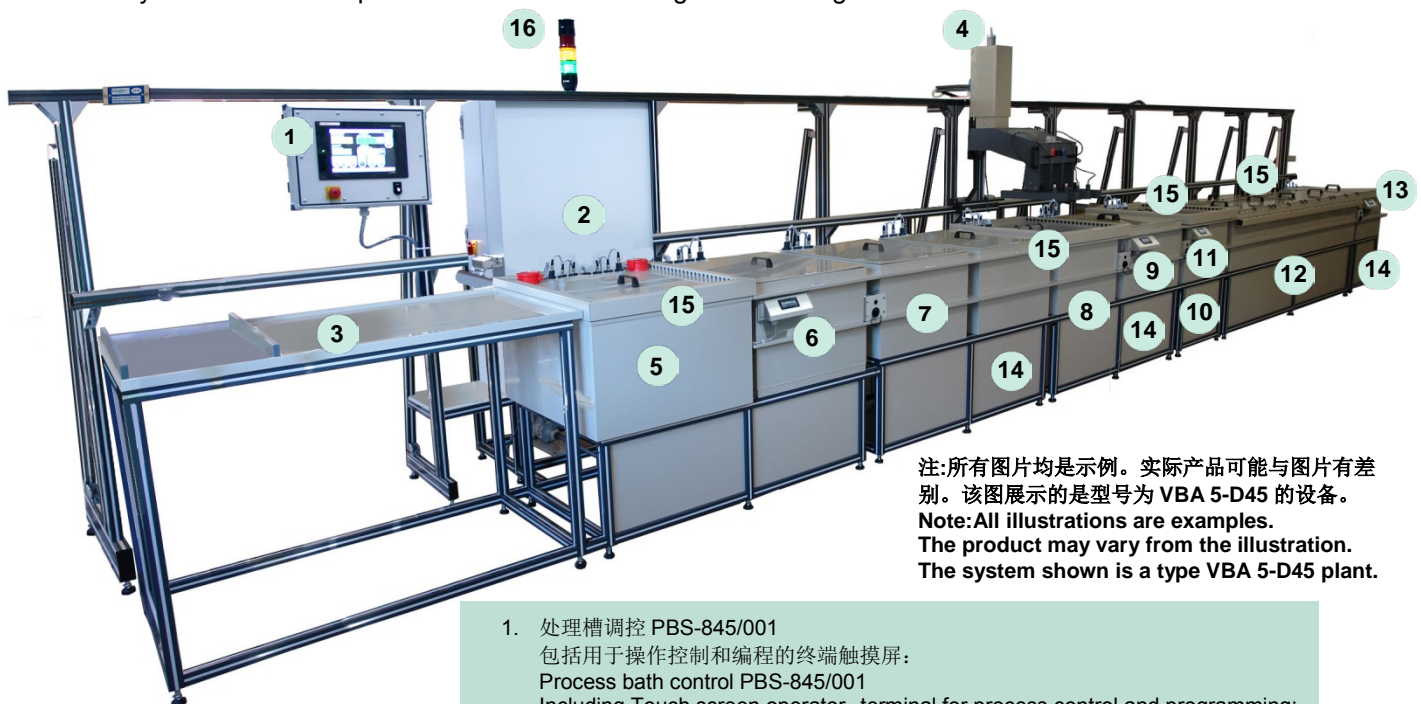


预处理设备 VBA 5-355/455/D45

Pre-Treatment Plant VBA 5-355/455/D45

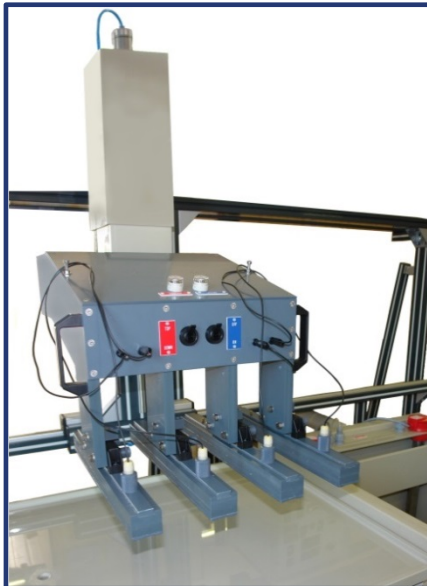
该预处理设备用于清理和准备随后将被电镀的牙科工具，磨棒和小工具的钢质基体。没有适当预处理的工件将不能被磨料层正确地电镀。预处理包括一个温水处理槽（去脂），三个冷水处理槽（酸洗，活化，冲击镍），一个保持活化的缓冲槽（用于储存已被预处理，但不能立刻被电镀的工件）以及中间漂洗槽。这些被安装在相应的电镀设备上的部件将通过一个带有升降装置的运输机被转移到不同的处理槽中。

The Pre-Treatment Plant serves for cleaning and preparing the steel blanks of dental burrs, grinding pins and small tools prior to the subsequent electro-plating process. Without the appropriate pre-treatment, the parts can't be correctly electro-plated with the abrasive layer. Pre-treatment comprises 1 warm-process bath (degreasing) 3 cold-process baths (decapitation, activation and Nickelstrike), an active-keeping buffer (to store the pre-treated parts which can't be immediately electro-plated) and the intermediate rinsing baths. The parts are transported – after having been mounted onto the appropriate electro-plating fixtures – from one bath to the next by means of a transport cart with a built-in lifting and lowering installation.



注:所有图片均是示例。实际产品可能与图片有差别。该图展示的是型号为 VBA 5-D45 的设备。
Note: All illustrations are examples. The product may vary from the illustration. The system shown is a type VBA 5-D45 plant.

1. 处理槽调控 PBS-845/001
包括用于操作控制和编程的终端触摸屏：
Process bath control PBS-845/001
Including Touch screen operator terminal for process control and programming:
 - 温度 Temperature
 - 电流 Current
 - 电压 Voltage
 - 处理时间 Process time
 - 加热循环 Heater cycles
2. 电子机柜 Electronics cabinet
(在背面打开 Service access on rear side)
3. 设备的装载站 Loading station for fixtures
4. 用于接触设备，带有升降装置的运输机
Transport carriage for contact fixtures including lifting and lowering installation
5. 温水处理槽（去脂-阳极/阴极；极性可逆）
Warm-process bath (Degreasing – anodic/cathodic; polarity reversible)
6. 去脂的操作控制面板 Process control panel for degreasing
7. 冷水处理槽（酸洗） Cold-process bath (Decapitation)
8. 冷水处理槽（活化） Cold-process bath (Activation)
9. 活化的操作控制面板 Process control panel for activation
10. 冷水处理槽（冲击镍） Cold-process bath (Nickelstrike)
11. 冲击镍的操作控制面板 Process control panel for Nickelstrike
12. 冷水处理槽（保持活化的缓冲槽） Cold-process bath (Active-keeping buffer)
13. 保持活化缓冲槽的操作控制面板 Process control panel for active-keeping buffer
14. 静态漂洗槽（5台） Standing sink (5 pcs)
15. 周边抽吸装置（4台） Rim exhaustion (4 pcs)
16. 信号灯列 Signal light column



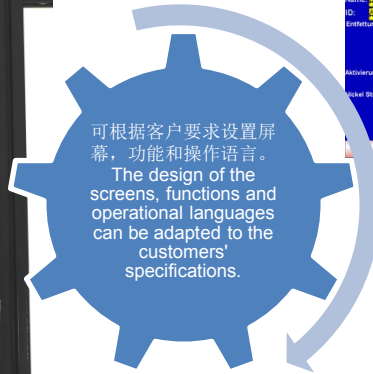
运输机带有升降装置和四个接触装置
Transport carriage with lifting and lowering installation with four contact fixtures in place

技术参数 Technical data:

- 槽容量：处理槽：每个大约 173 升；保持活化缓冲槽：大约 745 升；
静态漂洗槽：每个大约 173 升
Bath volume: Process baths: appr. 173 l each; active-keeping buffer: appr. 745 l;
Standing sinks: appr. 173 l each.
- 槽温：最高 60 摄氏度（去脂槽）；室温（其他所有的槽）
Bath temperature: max. 60°C (degreasing bath); room temperature (all other baths)
- 规格（长 x 宽 x 高）：大约 9620 x 1320 x 3220 毫米
Dimensions (L x W x H): appr. 9620 x 1320 x 3220 mm
- 额定功率：大约 12.5 千伏安，240 伏，80 安 Power ratings: appr. 12.5 KVA, 240 V, 80 A
- 温水处理槽:去脂槽，聚丙烯材质，隔热 Warm-process bath: degreasing bath, of PP, heat insulated,
- 冷水处理槽和静态漂洗槽，聚丙烯材质 Cold-process and rinsing baths of PP
- 聚丙烯导管 Pipes of PP
- 一个用于循环去脂槽的离心泵 1 centrifugal pump to circulate the degreasing bath
- 处理槽的周边抽吸装置（连接到通风设备，公称直径 76 毫米）
Rim exhaustion for process baths (connection to fan, DN 76 mm)

可选: Optional:

- 处理槽水平面稳定 Level stabilisation of process baths
- 静态漂洗槽的流动冲洗技术 Flow-standing sink technology in the rinsing baths



通过终端操作触摸屏预设和监控操作及槽参数 (PBS-845/001 控制)

Pre-set and monitoring of the process and bath parameters by means of the Touch screen operator terminal (PBS-845/001 control)