

全自动色环编码系统 FCA 1-D45/001

Fully Automatic Colour-Ring Coding System FCA 1-D45/001

用于种植体钻头，铣刀，磨棒和/或者金刚石牙钻(类型 FG, H 和 RA)

For colour-ring coding of implant drills, milling cutters, grinding pins and / or diamond dental burrs (Types FG, H and RA).



注：所有图片均是示例，实际产品可能与图片有差别。

Note: All illustrations are examples. The product may vary from the illustrations.

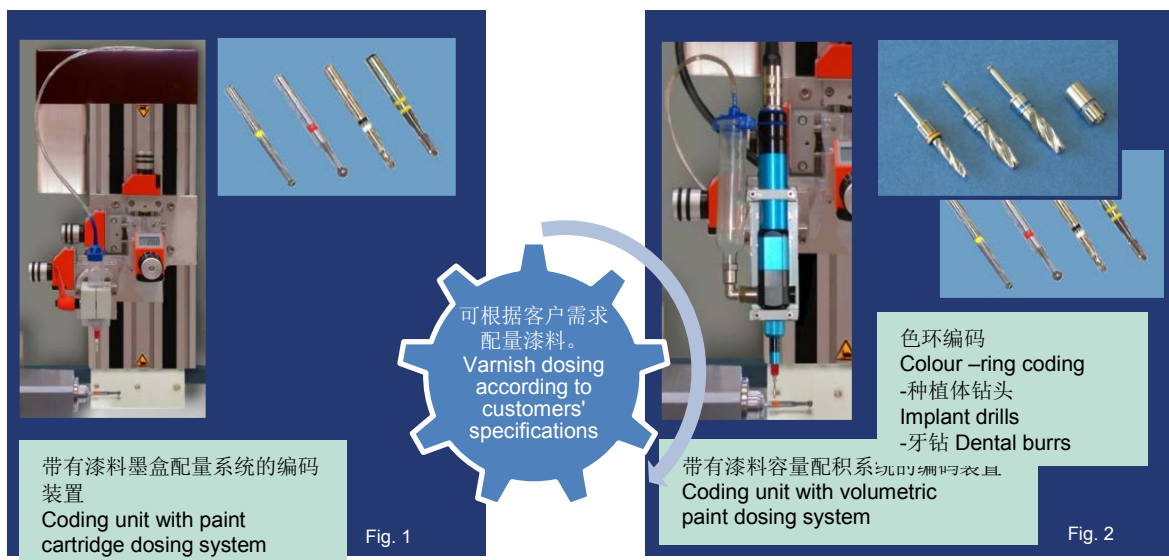
基本设备 Basic equipment

- 带有 6 轴曲臂机器人的全自动色环编码装置
Fully automatic colour-ring coding unit with 6-axes bent-arm robot
- 通过托盘/手动装载和卸载站进行零部件供应（可应要求提供不同尺寸的托盘）
Parts supply by pallets / manual loading and unloading station (different pallet sizes available on request)
- 单轴线性导轨 Single axis linear guide
- PLC 控制 PLC controller
- 储存媒介：程序内存 120 kByte，接口 USB Storage media: Program memory 120 kByte, interface: USB
- 终端操作触摸屏 8,4 寸 Touch screen operator's terminal 8,4"
- 通过压力或者容积配量系统配量漆料 Varnish dosing by pressure or volumetric dosing system
- 由烤漆铝型材制成的框架 Holding frame welded of aluminium profiles and baking enamelled
- 主轴承带有夹头固定装置和气动张紧装置 Headstock with collet holding fixture and pneumatic tension unit
- 主轴承电动机，通过 PLC 可持续调控转速
Motor for headstock, rotation speed continuously adjustable by PLC.
- 主控制开关盒 Main control with switch box
- 安全屋，包括安全开关 Safety housing incl. safety interrupter

技术数据 Technical Data	
夹持直径 Clamping diameter:	1.6 / 2.35 / 3 / 4 / 5 / 6 / 8 / 10 毫米(可应要求提供其他尺寸) 1.6 / 2.35 / 3 / 4 / 5 / 6 / 8 / 10 mm other diameters available on request)
夹持深度 Clamping depth:	至少 4毫米 min. 4 mm
上漆范围 Varnishing range:	带有一个可自由编程的轴: 按照程序确定上漆区 With one freely programmable axis: varnishing zone according to program
上漆能力 Varnishing capacity:	色环生产:约10 - 15个/分钟 (单组份或双组份漆料) Colour-ring coding approx. 10 - 15 pcs/min (one or two-component varnish)
注:Note:	所有提供的数据与操作员, 质量和毛坯的精度有关并可能因此产生差异 All information given depends on operator and quality and precision of blank, and may therefore vary.
心轴转速 Mandrel speed:	最大 1000 转/分钟 max. 1000 rpm.
气压 Air pressure:	5 ...7 巴, 无油, 干燥 5 ... 7 bar, oil-free, dry
连接电源 connection:	230 伏, 50 赫兹 230 V, 50 Hz
设备规格 System dimensions:	长x宽x高约为2100 x1450 x1800毫米 L x W x H approx. 2100 x 1450 x 1800 mm

可选性扩展 FCA 1-D23/XXX Optional expansions FCA 1-D45/001

- 漆料配量, 包括用于 5, 10, 30 和 55 毫cc 漆料墨盒的压力控制阀。(图 1)
Varnish dosing incl. pressure-regulation valve for varnish cartridges 5, 10, 30 and 55 cc. (Fig. 1)
- 用于精确配量的容积配量系统。(图 2)
Volumetric dosing system for precision application of varnish. (Fig. 2)



- 可更改电流接入值为 120 伏, 60 赫兹 Change of power ratings to 120 V, 60 Hz
- 用于目视检测上漆的摄像头和显示屏(图3) Camera and monitor for visual check of varnishing (Fig. 3)



Fig. 3

- 主轴承可扩大至固定直径为 32 毫米的夹头，并且可以增加机器人承载能力
Enlargement of head stock fixture up to collet Ø- 32mm and increase of robot support capacity