

OPC Cutter System

The Scheurich OPC Cutter is a system to mark the OnePointCut (OPC) and its colour indication point on ampoules. Different ampoule holders with fast change technology enable the application for any ampoule size. The highlights of the system are:

- ✓ high cutting accuracy through the application of a diamond disc
- ✓ professional fixing system for a high reliable and stable cutting process and as requirement of a precise mark of the colour indication point
- ✓ low wear of the diamond cutting disc
- ✓ high speed production of 100 amp/min (maximum)
- ✓ controller incl. memory for production data, counting and statistics
- ✓ suitable for retrofitting in the plant and complete new ampoule lines (OEM installations)

Description of hardware and performance:

The OPC Cutter System is consisting of:

- lifting system
- fixation system incl. anti-twist function
- rotating diamond cutting disc with motor
- marking system with paint container and mixer
- colour disc and colour stamp for the OPC point
- touch screen controller for display and operation

Various ampoule holders are available to cover the complete spectrum of ampoule production, for sizes: 1 ml up to 25 ml ampoules.

The cutting depth and the cutting width are manually set and re-adjusted, using high precise adjusting screws simple to handle.

Dimensions OPC Cutter System mechanic:

W 650 x H 700 x D 350 mm

Weight (approx.): 45 kg

Dimensions OPC Cutter System terminal:

W 182 x H 139 x D 44 mm

Panel Cut-out 174 x 131 mm (tol.: 0.5 mm)

Weight (approx.): 1 kg

Ambient temperature range: 0 - 50 °C

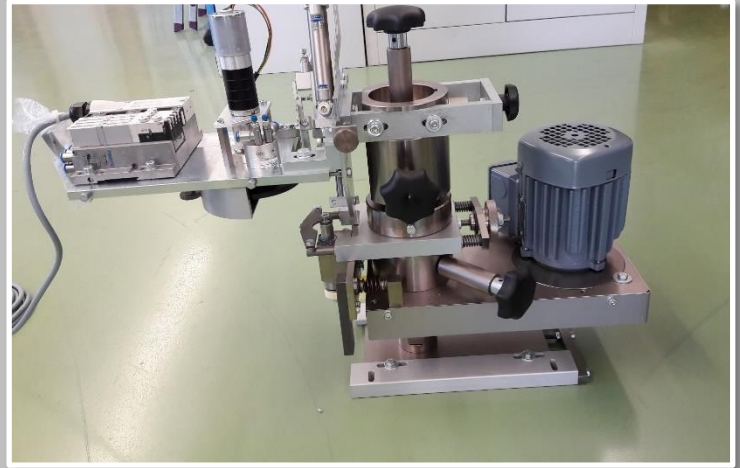
Please note that some features are optional even if not specially mentioned. Modifications are without prior notice
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Next to the **OPC- Cutter System** following solutions are offered in addition*

- ✓ MRS22 HotEnd Control (HEC)
- ✓ OPC + RingControl
- ✓ PrintControl
- ✓ FirstPiece Compensation (FPC)
- ✓ BreakForceTester (BFT)
- ✓ MES-System MRS-Win

*As complete provider of Hot- and ColdEnd inspection plus networking system, there is only one data interface for all data from the complete ampoule production line. **The signal exchange between all participants creates a maximum of data transparency.**

Part 1: OPC Cutter System mechanic



The OPC Cutter System assembled incl. motor, lift up system and mechanical fixation system. The OPC Cutter System is able to mark up to 100 ampoules per minute. Depending on the ampoules manufactured, the diamond disc must be re-sharpened from time to time. Guide value: after 2 - 3 shifts. A spare and wear parts catalog is available to ensure continuous production.

Part 2: OPC Cutter System touch terminal and software



The touch terminal and its connected controller ICS 21 are controlling and monitoring the OPC process. The device operation is simple and intuitive. A large memory for production data, counting and statistics is integrated.