



Semi automatic machine



Full automatic machine

TIP FORMER - ENTRY MODEL

Machine for forming tips on assembled Hub/Catheter FEP or PUR



Application

Semi/full automatic production of flash free catheters. This machine can be equipped to produce either FEP and/or PUR. Can be used as a standalone semiautomatic machine or integrated into a line.

Base System

The system is based on pneumatic movements together with a indexing dial.

Stability and high accuracy is also assured by the indexing dial technique together with a firm and solid welded stand. Safety cabin top design allows equipment to be located inside the roof cover to save valuable space.

Technical data

- One or two nests
- 15-30 pcs/min
- Designed for clean room ISO class 8
- PLC: APAB standard or other brands on request

Tip forming techniques

The temperature is generated by 1 or 2 channel RF-generator sending out a high frequency pulse to coil outside the metal tool.

When the temperature is reached (measured by a sensor in the tool) the temperature is controlled to constant level. Start, time and pulse power are controlled by a common analog signal from the PLC.

FEP and/or PUR in dimensions between 14G – 24G (FEP also 26G)

Processes

- Manual or automatic in feed of sub-assembly(housing+bushing+catheter)
- Silicone dispensing
- Tip forming using RF Induction heaters
- Vision inspection of tip and length