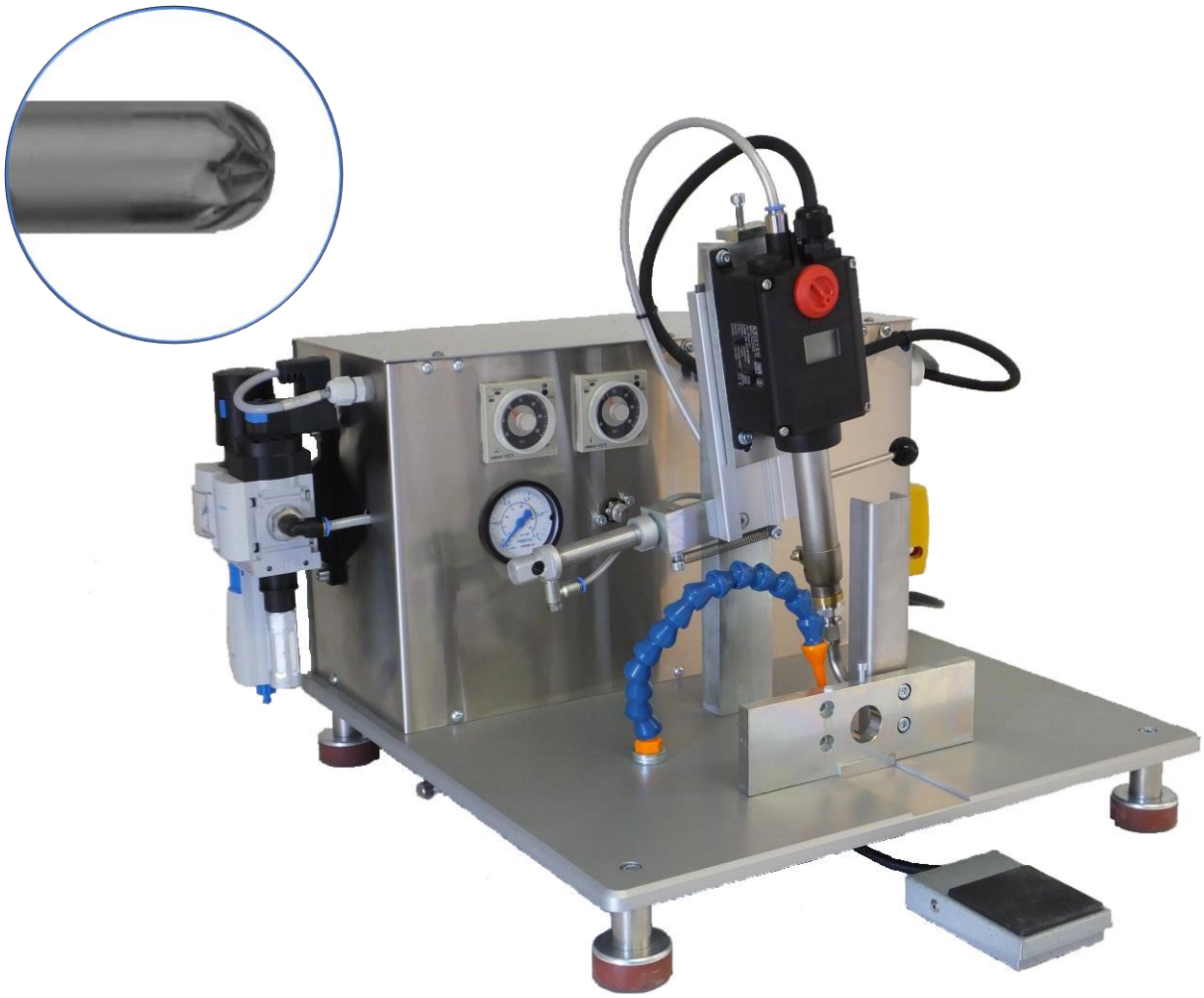
SOEBYGAARD
Machine Design



TF 02-03
TIP FORMING

Product Description

The TF 02-03 is designed to form tips for disposable medical catheters produced from thermoplastic material.

Forming takes place, when a catheter tube is placed in the glass or nickel mold. The mold is then heated to a specified temperature for a given period of time. The heat causes the plastic material to melt, and the tube is then pressed into the mold, producing the desired tip shape. The shape is stabilized by cooling the tube for a given period of time. The TF 02-03 is designed for one mold. The molds are easily interchangeable.

Production capacity:

The production capacity is between 200-350 units per hour. Depending on the CH size of the tube and the experience of the operator.

Tube specifications:

Tube Diameter:	CH/Fr 3-42 (one mold is used for each CH size).
Tube Material:	Most thermoplastics.
Tube Length:	Infinite.
Tube Shape:	Nelaton, Tieman, Coude, round open/closed.

Installation:

Power:	1x230 V AC 50-60Hz 10A.
Compressed Air:	8 bars of cleaned and dried air. 200 l/min.

Environment:

It is recommended to operate the machine in a clean environment.

Control Panel:

To ensure a constant production rate, the heating time is set on one timer, and the cooling timer set on another. The temperature is set on the heater, and the air flow for the heater is set on a pressure regulator. The pressure can be read on a gauge.

SOEBYGAARD MACHINE DESIGN
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