



ST 02-02

Micro pipette - Tube diameter reduction

Product Description

The ST 02-02 is designed to reduce the tube diameter in thermoplastic to fabricate a Pipette

Process

A tube is positioned inside the heating unit.

After process start, 2 grippers will hold the tube, and the tube will be preheated.

After the preheating, the tube will be pulled apart by 2 servo motors.

All Heating and pulling parameters can be controlled by the touch Screen, and different product recipes can be stored to the PLC

The tube inner and outer diameter is now reduced, and the tube can be cut into 2 pieces, using the cutting unit



Production capacity:

The production capacity is between 180-240 units per hour. Depending on the tube and the experience of the operator.

Tube specifications:

Tube diameter:	Usually below 1 mm
Tube inner diameter:	down to 0,1 mm
Tube Material:	PC – or another thermoplastic
Tube Length:	Infinite.

Installation:

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

Environment:

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



SOEBYGAARD MACHINE DESIGN

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