

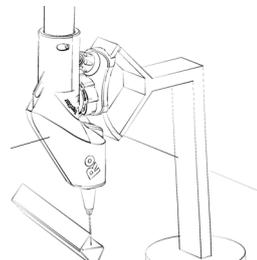
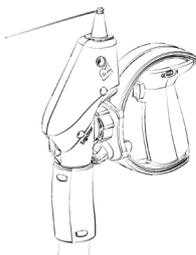
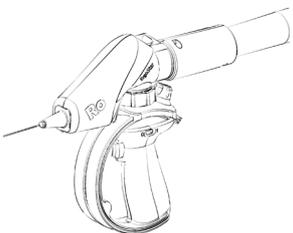


reddot design award
winner 2011

RO

Hand Applicator ErgoStar

optimal adjustability | ergonomic design
minimal force required



Pat. Appl. Pend.

Robatech
Gluing Technology

ErgoStar

Best quality with highest reliability

Product description

The new hand applicator **ErgoStar** combines ergonomic design with highest flexibility in the application: All types of hotmelt such as e.g. EVA, PUR and PE, adhesive hotmelts or sealing compounds can be applied highly precisely with **ErgoStar**, be it in the form of beads, spirals or sprayed. The nozzles can be exchanged as required and adapted to the specific needs of the application.

Function

ErgoStar works in combination with the well-proven hotmelt applicators of Robatech: The hotmelt applicator supplies the hand applicator with hotmelt and controls the temperature.

Occupational safety and protection

The CoolTouch handle for which a patent application is lodged prevents injuries due to burns. The plastic material used for the handle has outstanding insulation properties.

Unique advantages

- ergonomic design of the hand applicator
- highest flexibility in the application:
 - horizontal; - top down;
 - bottom up; - hand free
- gentle and not tiring on the operator
- Uneven strains and muscle tensioning are prevented
- CoolTouch handle ensures safety and protection at work
- Minimal force is required to actuate the electro-pneumatic release switch

Further advantages

The new hand applicator **ErgoStar** is the synthesis of ergonomic design and flexibility in the application: The handle can be individually adjusted by means of a screw, i.e. the workstation is adapted to optimally meet the requirements of the operator and the job on hand, and this within a few seconds.

Technical data

	Bead application	Spray application
Weight without hose	750 g	Up to 1000 g, depending on spray nozzle
Adhesive pressure	max. 80 bar	
Adhesive viscosity	100 ... 20,000 mPas	
Operating temperature	max. 200°C or 392°F	
Power supply	230 VAC 50/60 Hz	
Heating power	Applicator: 250 watt / hose: 330 watt (3m) & 530 watt (5m)	
Air consumption	5 l / min	105 l / min
Heated hose lengths	3 and 5 m, others on request	
Nozzles	05...2.0 mm	Various spiral and spray nozzles

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