

EWIKON

*Sprueless production
of smallest parts*



*Hotrunner systems
for micro injection
moulding machines*

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Hotrunner systems for micro injection moulding machines

EWIKON hotrunner systems for micro injection moulding machines enable the sprueless production of parts with even the smallest shot weights. Due to their simple design, nozzle tips, manifold and sprue bush are operated by only one control zone. Thus, the use of additional control equipment is not necessary in many cases.

The nozzle tips feature materials with high heat conductivity combined with an optimized tip sealing technology in the gate area. This ensures that the gate is kept alive and allows quick colour changes. All systems are delivered as fully assembled hot halves for easy installation.



TECHNICAL FEATURES

- Available in 1- to 6-drop version
- Minimum gate distances 12x16 mm
- For processing of PE, PP, POM (Copolymere), ABS, PS. Percentage of filler max. 15%
- Operating voltage 230 V
- Manifold block with screwed-in nozzle tips, length 12 mm
- Thermocouple type L, Fe-CuNi
- High grade stainless steel mould bases

Sprueless produ

COMPONENTS OF A HOT HALF FOR A TABLE-TOP INJECTION MOULDING MACHINE



APPLICATIONS FOR ALL BRANCHES - SHOT WEIGHTS FROM 0,05 TO 15 GRAMMES

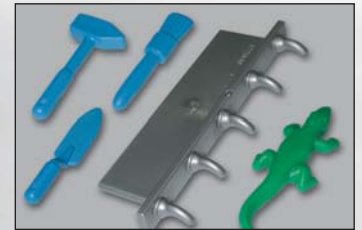
EWIKON systems for direct gating of small parts are available in versions up to 6-drop. Typical shot weights range between 0,05 to 1 g. The maximum total shot weight is 15 g.



Table-top injection moulding machine for production of small parts



Small technical parts



Small accessory parts for the toy industry

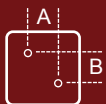
Production of smallest parts

AVAILABLE NOZZLE PITCH CONFIGURATIONS AND MOULD DATA

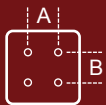
Version 1
2-drop,
axially parallel



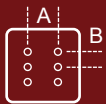
Version 2
2-drop,
bias



Version 3
4-drop



Version 4
6-drop



Nozzle pitch	Version 1	Version 2	Version 3	Version 4
Dimension A (mm)		24	24	24
Dimension B (mm)	34	32	24	16
Dimension C (mm)		75		
Dimension D (mm)		100		
Dimension E (mm)		7		
Dimension F (mm)		54,7		

