



TABLET PRESS

EP-1



The EP-1 is the ideal desktop tablet press for R&D purposes. The single punch eccentric Tablet Press EP-1 can manufacture tablets and odd shaped products with a diameter of up to 20 mm. It operates automatically i.e. the die is filled with powder or granule, the material compressed and the tablet ejected continuously. The compression force of up to 3 tons and the filling depth of up to 17 mm are easy to adjust.

All components are either covered with hard chrome, or made of stainless steel AISI 304 or acrylic glass for the front door. Frame parts (plates) are made of 1.0332 StW22 and are bright chrome-plated. The throughput is max. 4.000 tablets per hour.

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FEATURES

- | Press speed infinitely variable
- | Max. filling depth 17 mm
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- | Max. compression force 3 t
- | Dimensions press 425/385/695 mm (L/W/H)
- | Max. tablet output 4.000 tablets/hour
- | Net weight 135 kg
- | Dimensions with attachment parts 503/408/797 mm (L/W/H)
- | Power supply 240V -15%+10%/50-60Hz
- | Electrical load 2.2 kVA

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OPTIONS

TAILORED TO YOUR NEEDS

- | Data transfer option
- | Data logging software
- | Standard data export via RS232 interface
- | EP-1 single punch tablet press with compression force
- | Support table in stainless steel
- | Single punch and die set, 4.0 mm to 20.0 mm diameter, type STR 1, for round tablets



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TECHNICAL DATA

Weight	135 kg
Dimensions (H x W x D)	695 x 385 x 425 mm
Dimensions (H x W x D) with attachment parts	797 x 408 x 503 mm
Voltage	200 - 240 V -15% +10% / 50-60 Hz
Electric voltage	2.2 kVA
Protection class	I/EN 61140
Protection type	IP 21/IEC 529
Press speed	Infinitely variable
Max. tablet output	4000 tablets/hour
Max tablet diameter	20 mm
Max. filling depth	17 mm
Max. compression force	3 t
Ambient temperature during operation	+ 10 °C up to +30 °C (Ambient temperature at least 5°C lower than test temperature)
Storage and transport temperature	+5 °C up to +40 °C
Relative air humidity	25 to 80 % non-condensing