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3. PURPOSE

CHECKMASTER 4 is a tablet tester with internal feed chute, round collector with 8 glasses and a waste container to test tablets for weight, thickness, diameter and hardness.

4. TECHNICAL DATA

Weigher:

Precision weigher

Mettler AB54

Unit of measure

mg or 0.1 mg

Thickness gauger:

Drive

Stepping motor

Measuring principle

Linear potentiometer

Unit of measurement

mm or inch

Measuring range

+/-0.1 mm

1-17 mm

Measuring accuracy
Hardness tester:

., ...

Drive

Stepping motor

Force measurement

Load measuring cell (LMZ)

Measuring principle

Resistance strain gauge (DMS)

Units of force N, Kp or Sc Measuring range

2-300N (800 N Option)

Measuring accuracy

+/- 1N (+/- 2N at 800 N))

Force increase in the DMS

approx. 250N/sec

Work speed of pressing jaws

approx. 3,5 mm/sec

Fast speed of pressing jaws approx. 8,5 mm/sec

Reverse speed of pressing jaws

approx. 8,5 mm/sec

Diameter:

Drive

Stepping motor

Stepping motor mm or inch

Unit of measurement Measuring range

Measuring principle

1-30 mm

Measuring accuracy

 $+/-0.1 \, \text{mm}$

Mains connection

90-132V/180-264V, 50 Hz/60 Hz