

Fluometer model ADP

Bulk density tester

The bulk density tester to measure the apparent or bulk density of pellets and powders of different raw material supplies. Furthermore, the values determined with this equipment were used for the calculation of the filling space of an injection mould tool. The bulk density at powdered, granular and other materials is determined according the DIN EN ISO 60.

Features:

- Robust and stable model
- Up-to-date, modern and ergonomic design
- Leveling device included
- Adjustable feet
- Quick sliding closure
- Adjustable filling funnel
- Polished funnel and cup



Technical data:

	ADP
Dimensions	
Width (mm)	300
Height (mm)	250
Depth (mm)	150
Weight (kg)	approx. 5
Characteristics	
Filling funnel inner diameter (mm)	56
Filling funnel volume (ml)	approx. 200
Output diameter (mm)	33
Measuring cup diameter (mm)	45 (+/- 5)
Measuring cup volume (ml)	100
Code-No.	1010.000

Fluometer

Fluometer model PM

Pourability Tester

As a check and for the control of the pourability of plastics in powder and granulates form by means of the determination of the flow through times by a funnel the pourability tester is used. The EN ISO 6186: 1998 defines two procedures (A and B), whereby from procedure A information can be derived to the processability; procedure B serves particularly for process control during the production.

The equipment consists of a mounting plate with a stable stand for the funnel holding. At the discharge of the funnel a thread for the attachment of different discharge nozzles (diameter 10, 15 or 25 mm) is designated.

The flow time is the time, which a certain mass or a certain volume of the sample necessarily, in order to flow by a funnel with exactly defined dimensions. This time is indicated in seconds.

Features:

- Robust and stable model
- Up-to-date, modern and ergonomic design
- Leveling device included
- Adjustable feet
- Different nozzle included (10, 15 and 25 mm)
- Adjustable filling funnel
- Polished funnel and cup



Technical data:

	PM
Dimensions	
Width (mm)	300
Height (mm)	250
Depth (mm)	150
Weight (kg)	approx. 8
Characteristics	
Output diameter (mm)	10 / 15 / 25
Code-No.	1012.000

Fluometer according Dr. Pfrengle

As a check and for the examination of the pourability and/or the pouring angle of plastics of powder and granulates form in accordance with ISO 4324 and DIN ISO 4324.

Features:

- Glass funnel with large diameter
- Agitator with agitating crank and agitating wing
- Baseplate with adjustable knife and rule



Technical data:

	PAM
Dimensions	
Width (mm)	300
Height (mm)	300
Depth (mm)	150
Weight (kg)	approx. 8
Characteristics	
Glass funnel inner diameter (mm)	140
Glass funnel discharge diameter (mm)	10
Basis disk diameter (mm)	100
Basis disk thickness (mm)	25
Code-No.	1011.000