

RD-8

Reference Dryer



This device has been developed in cooperation with the COKZ (Centraal Orgaan Voor Kwaliteitsaangelegenheden). This unit is made for the drying procedure of the determination of the water content of dried milk according the reference method "ISO 5537".

Eight samples of dried milk can be analyzed simultaneously. The drying procedure will be made under accurate temperature and pressure control.

Technical details

1. Connected loads

1.1. Electrical load: 230 V ± 15 %, (50 ... 60 Hz), 520 W
115 V ± 15 %, (50 ... 60 Hz), 520 W (optionally)

1.2. Inletpressure: p_{in} 2,5 bar ... 7,5 bar, 0,3 l/min.

2. Temperature

2.1. Range: up to 110 °C setable

2.2. Stability: ± 0,3 °C

3. Mechanical details

3.1. Dimensions

(W x H x D): 185 mm x 240 mm x 450 mm

3.2. Weight: 9,5 kg

1. Temperature

The temperature is regulated by a high precision regulator (PID system). Four PT100 are used to sense the temperature.

2. Constant pressure regulator

Together with 8 Capillaries wich are iindividually adapted in order to supply every drying channel with an exact amount of the flowing air of 33 ml/min.

| Ordering specifications/Accessories: | Art. No. |
|---|-------------|
| Description | |
| Reference Dryer according ISO 5537/IDF 26 | 5700 |
| Sample tube | 5701 |
| Stop lid | 5702 |
| Stop cap | 5703 |
| Frit | 5704 |
| Inserting tool | 5705 |
| Weighing rack | 5706 |
| Rack für lids and caps | 5707 |
| Flow meter "ADM 2000" | 5708 |



Flow measurement



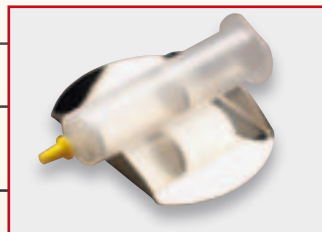
Frit put in



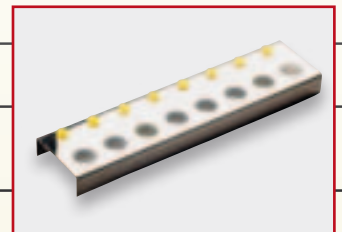
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Sample tube with inserting tool and frit



Weighing rack



Rack for lids and caps