

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 to 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. Inlet pressure: p_{in} 2,5 bar ... 7,5 bar, 0,3 l/min.

2. Temperature

2.1. Range: up to 110 °C settable

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 which are individually 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



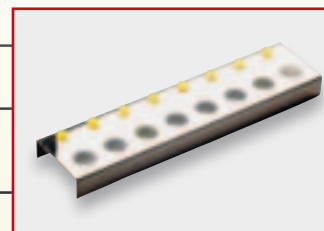
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Sample tube with inserting tool and frit



Weighing rack



Rack for lids and caps

