



Fluidbed Dryers and Dryers/Ovens Aeromatic GEA T5

Images





Product details

Category:	Fluidbed Dryers and Dryers/Ovens
Machine:	T5
Machine code:	IT205
Manufacturer:	Aeromatic GEA
Year of construction:	1990

Description

This is a steam-heated Fluidbed Dryer which is suitable for processing batches between 50 and 150 kg depending on the characteristics of the product. The Dryer comprises a Stainless Steel Filter Housing with retractable Product Container. The base of the container is fitted with a Stainless Steel wire-mesh. Product to be processed is placed into the Product Container which is then positioned underneath the filter housing. The filled container is placed into the opening at the base of the column and pushed upwards by a pneumatic ram. It closes against a seal at the base of the column thus forming a closed system. Air is now drawn through this system by fan – ambient air is sucked in and through a Heating Register, through the perforated base of the product container and into the product which is dispersed and thoroughly dried within the Filter Housing.

A special Filter is fitted above the product container inside the column and this prevents product particles to be sucked out of the column. During this process, the air supply is interrupted. An air exhaust duct is mounted At the end of the drying process, the product container is released and pulled out of the column for ease of disposal.

The operator controls are located in a separate console and include temperature controls and process timers.

Tecnica details :

Pressure shock resistance 2 bar

Reacting pressure “ex” flap 0.1 bar

“Ex” flat area 0.83 m²

Air preparation housing :

Pressure shock resistance 0.06 bar

Heating medium steam

Compress air connection 6 bar