



Process Engineering
Division

Niro Pharma Systems

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Aeromatic-Fielder STREA-1™ Advanced

Designed specifically for GMP applications

The STREA-1™ Advanced laboratory fluid bed from Niro Pharma Systems combines versatility with table-top practicality.

Purpose-designed for processing of fine powders, pellets, granules, crystals and tablets, the STREA-1™ is the flexible choice when taking the first steps towards process optimization in a GMP environment.

Product drying, top spray granulating and coating — in volumes ranging from 100 ml to 2 liters — can all be handled by the Strea-1™, thanks to its interchangeable components and containers.

The STREA-1™ has been supplied to research centers and companies for production and development of pharmaceuticals, foodstuffs, dairy products, fine ceramics and chemicals.

The STREA-1™ Advanced continue Niro Pharma Systems strong commitment to research and development and high-quality standards, the STREA-1™ is a vital addition to the laboratory.

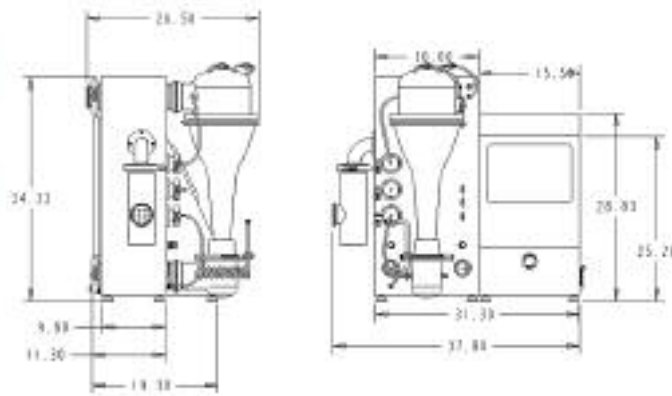


Main Features

- GMP construction throughout, enabling through cleaning of all product contact areas
- Easy maneuverability with its table-top size
- Ready to connect into standard laboratory utilities
- Easy operation
- Simple to clean and maintain
- Special air distributor plates for controlled product movement
- Continuously operating blow back filter cleaning system
- Allen Bradley Micrologix PLC controlled
- High-accuracy face bypass heating system
- Easily movable HEPA filtration
- All 316 stainless steel construction

Technical Data

Product volume	200 ml-2L
Airflow	90 CFM
Static pressure	48" water
Current type	3 - phase
Frequency	60 HZ
Voltage	110 - 120 VAC
Service supply	30 amp
Heating capacity	90° C 1.5 KW
Container volume	16.5 Liters
Coater container volume	13.5 Liters
Low volume container	14.9 Liters
Weight	125 lbs



Dryer

Air is filtered and heated prior to passing through the air distributor plate, fluidizing the product and absorbing moisture. The product is completely contained within the unit through the use of HEPA filters.

Granulator

A binding agent is sprayed on the fluidized product for controlled agglomeration. The formed agglomerates are subsequently dried.

Coater

Liquid is sprayed onto the product from below to ensure uniform coating. An attachment for top spray coating is also available.

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NICA
NIRO

Niro Inc.
Niro Pharma Systems
9165 Rumsey Road
Columbia - Maryland 21045, USA
Tel: +1 410 997 7010 · Fax: +1 410 997 5021
E-mail: info@niroinc.com