

Aeromatic-Fielder new Strea-1

suitable for use with organic solvents



The S TREA -1™ laboratory fluid bed from Aeromatic-Fielder combines versatility with table-top practicality.

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

Product drying, top spray granulating and coating – in volumes ranging from 200ml to two liters – can all be handled by the S TREA -1™, thanks to its interchangeable components and containers.

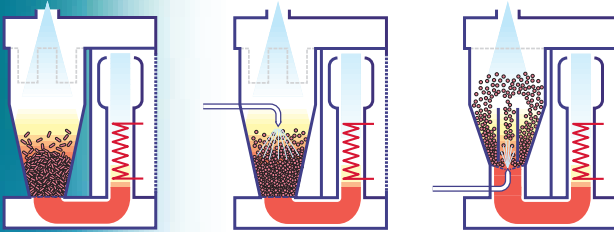
The S TREA -1™ has been supplied to research centers and companies for use in the production of pharmaceuticals, foodstuffs, dairy products, fine ceramics and chemicals.

Continuing Aeromatic-Fielder's strong commitment to research and development and high quality standards, the S TREA -1™ is a vital addition to the laboratory benchtop.



Main Features

- Easy maneuverability due to table-top size
- Ready to plug into standard laboratory utilities
- Easy operation
- Simple to clean and maintain
- Special air distributor plate for controlled product movement
- Continuously operating blow-back filter cleaning system
- Allen Bradley PLC
- Monochrome Touch-screen



Dryer

Air is filtered and heated prior to passing through the distributor plate fluidizing the product and absorbing moisture. The product is completely contained within the unit due to the highly efficient product filters.

Granulator

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

Coater

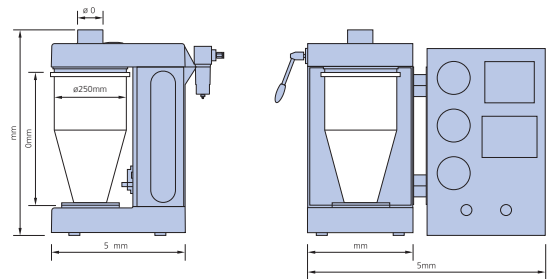
Liquid is sprayed onto the product from below to ensure uniform coating. An attachment for top spray coating is also available.

Available Options

- Instrumentation for measuring air flow, product and filter pressure drop
- Two-fluid nozzle for atomizing liquids
- Heatable nozzle for atomizing melts
- Selection of material for product filter
- Device for product sampling
- 'Jumo' colour screen data-recorder
- Printer
- DQ, IQ, OQ qualification documentation

Technical Data

- Product volume: 200ml-2l
- Air flow: 2 m³/min.
- Stat. pressure: 5000N/m²
- Motor power: 1.00 kW
- Current type: single / three-phase, plus neutral, plus earth
- Frequency: 50 / 60 Hz
- Voltage: 220 / 380 / 440 v
- Compressed Air: 4 bar minimum
- Heating capacity: 90°C 2.2kW
- Container volume: 16.5l
- Weight: 75kg



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Niro Pharma Systems unites the technologies of Aromatic, Buck, Collette, Courtoy, Fielder, Nica and Niro to supply advanced processing solutions for solid dosage forms to the pharmaceutical industry



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