Feature’s & Benefit’s Of R&D Coater, Tablet Coater & Coating Tablet Machine

R&D Coater :

A revolutionary self-contained film coater is adapted to handle smaller trial batches of tablets and granules. With the aid of a special selection of smaller coating pan sizes of 4" and 6", the **R & D Coater** is made to meet the specific need. Pharmaceutical companies and research institutions can easily resolve their issues with pharmaceutical tablet coating thanks to our Tablet Coating Pan R&D lab model. We design and manufacture a variety of tablet coating pans that adhere to the highest quality standards. The exterior of the Pharma R & D tablet coating machine is elegantly crafted from an SS 304 box, and the coating pan is supported at an angle between 35° and 45°.

Features -
The R & D Coater has the exterior appearance of an elegant Fabricated box with a coating pan supported in a tangential position of 35° to 90°. The entire drive mechanism is concealed with the box leaving only the hub, supporting the coating pan, projected outwards to enable vertical rotary momentum.

- The Control Panel.
- The Spray Gun.
- The Heater.
- The Air Blower.
- The Coating Pan.

Benefits -
It is incredibly portable, handles aqueous and organic film coating systems, and is available in three different models. You can keep track of and record all of the coater's settings with the aid of an advanced control panel that is powered by its licensed software.

Tablet Coater :

In the process of automatic **coating of tablets,** the coater needs to be supplemented by a correctly designed, versatile coating system.
VJ Instruments Coating System has been designed after a careful study of the needs of expert coaters such as Rotational Speed, Efficient AHU system, inlet & efficient solution spraying system, etc.

Features's -

- The Complete drive unit is enclosed in a sturdy cabinet.
- Thermostat control is available on heaters and air blowers with fixable SS pipe heaters for quick drying.

Benefits -

- Small form ideal for the lab environment.
- Easily control critical variables for product development.
- Perforated coating pan to ensure perfect coating result.

Types of Tablet Coating -

- Sugar Coated Tablets.
- Film Coated Tablets.
- Gelatin Coated Tablets.
- Enteric Coated Tablets.
- Compression Coating Tablets.
- Other Types.

Coating Tablet Machine :

The coating of tablets is a crucial step in the manufacturing process. The pharmaceutical industry requires products that can satisfy stringent specifications for enteric coatings, controlled-release coatings, and the addition of an active ingredient in addition to coloring and taste-masking needs. Together with Hüttlin's strong innovation capabilities and process expertise in mixing, spraying, and drying, we have a wealth of experience from the former Manesty brand.

VJ Instrument has created a new benchmark for Coating Tablet Machine.

The mechanical device known as a tablet coating machine coats the surface of tablet dosage forms with a thin, dry coating to provide certain advantages over uncoated varieties. It is a device that applies a thin layer of coating material to the exterior of tablets.

Types of Coating Tablet Machines -

- Standard Coating Plan.
- Fluidized Bed Of Air Suspension Coater.
- Perforated Coating Plan.

Feature's of Coating Tablet Machine -

- Coating Pan is designed to give a quality coating of tablets.
- The coating machine hasa separate electric control panel.
- Separate polishing pan can also be provided.
- Electric gear box& motor are directly coupled.
- For the main motor drive AC variable frequency drive is provided.
- Fixed Baffles or detachable baffles are provided inthe coating pan (optionally) to facilitate the tablet mixing during the coating operation which helps in achieving a uniform tablet finish.
- The coating machine hasa study structure of square SS square pipes. The base plate is of MS having SS cladding. It is very much easy for cleaning.
- Separate hot air blower unit of the adequate heating element is provided witha temperature controller.