

**(a) Production facilities**

- (i) Glass-lined jacketed reactor of 250 L
- (ii) Glass-lined jacketed reactor of 100 L
- (iii) Stainless steam reactors of 250 L, 150 L and 150 L
- (iv) Glass lined jacketed reactor of 25L
- (v) Borosilicate glass jacketed reactors of 20 L, 10L, 5L, 3L, 2L and 1L
- (vi) Controlled laboratory reactor system with borosilicate glass jacketed reactors of 3 L and 1L capacity
- (vii) Stainless receiver/crystalliser of 250 L
- (viii) Stainless steel (316L) Autoclave/ Hydrogenator of 20L
- (ix) Short-path high-vacuum distillation equipment for purification/distillation of high boiling/ heat sensitive materials
- (x) Stainless steel semi-automatic solvent rectification/ recovery system
- (xi) Centrifuge: vertical type with 80 cm diameter 316 stainless basket isolated from working zone in a “clean room”. The specification conforms to cGMP standards.
- (xii) "Nutze"/Rosenmund type filter: 0,375 m<sup>2</sup> filter area, stainless steel, and 300 L capacity. Conforms to cGMP standards and equipped for *in situ* drying of the filtered product with solvent recovery. This unit is installed in a “clean-room facility separated from the production area.
- (xiii) Buchner-type filter: stainless steel, jacketed with facilities for inert-gas purging.

**(b)Drying Facilities:**

- (i) Vacuum tray drier, 6 trays 60x80 cm, thermostatted oven with capability for high-vacuum drying or inert atmosphere drying.
- (ii) Stainless steel rotary vacuum dryer, 50L
- (iii) Vacuum tray drier, 2 trays 30x40 cm.

**(c)Physical treatment:**

- (i) Rotor mill SR200, 10 to 120 Kg/h. <0,08 mm. Stainless steel.
- (ii) Vibratory tumbler sieve, stainless steel.

**(d) Stores/Warehouse facilities:**

The Pilot Plant has a completely independent stores facility for raw material handling which has been divided into sections for the proper handling of materials under cGMP conditions.

**(e) General facilities:**

Scrubber system in borosilicate glass of 300 L capacity