



UAM Motor Drive and Sieve Granulator WG-30

Wet Granulator Type WG - 30

The Wet Granulator WG - 30 is designed for the production of granulates of various sizes from moistened powders. It can also be used to reduce slugs as in the double compression method of tablets making or for re-processing of rejected tablets. Its attached to the UAM Motor Drive by means of four knurled screws.

The unit operates on the oscillating rotor principle compressing the granules through a stainless steel sieve of a predetermined size. The pre-formed granules are normally collected in trays prior to removal for drying.

The high quality stainless steel rotor measures 150 mm long and 75 mm OD., has 6 blades and may be readily removed for cleaning using the two hand wheels provided for this purpose. It has an oscillating angle of 90°. Throughput of the WG - 30 is about 25-30 kg.

The WG - 30 is supplied as standard with 2 sieves, 1.0 mm and 1.6 mm mesh width respectively.

Page 1

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Other sieves are available on request.

For wet granulation, the larger mesh sieves trend to be used, e.g. 31.5, 2.5, 2.0 and 1.6mm MW. The smaller sizes are more suitable for dry sieving. The sieves are readily interchangeable. Two hand grips are provided to allow the operator to apply equal tension to all parts of the sieve when bringing it into contact with the rotor.

Technical Data

WG-30 Granulator

Throughput: approx. 25-30 kg
Available sieve sizes: 0.315 - 0.63 - 0.8 - 1.25 - 2.0 - 2.5 - 3.15 mm mesh width (MW)
Rotor size: 150 x 75 mm - 6 blades

UAM Motor

Speed Range: 10 - 400 rpm, continuously adjustable
Gear Ratio: 1: 3.42
Mains current: 700 W
Mains Voltage: 100 - 240 V - 50/60 cycles.