



## Batch Weigher DW - T

Gravimetric dosing system for fibrous friction and mixing materials

### FUNCTION:

The weighing material will be transported out of the agitator drum (option with level control) by a conveying system into the weighing pan. For the use of belts or vibration channels we recommend a screw conveyor and a twirling-stick. The screw conveyor is mounted on the drum outlet and transports the material to the dosing channel. Afterwards the twirling stick equalizes it homogeneously on the dosing channel. The reached constant flow of material on the dosing unit is the basis for exact weighings. The material will be transported in two phases, rough and fine dosing. After reaching the given set weight, the weigher waits for an external command (e.g. of a press or a packaging machine) which allows the discharge. A new weighing cycle follows automatically.

### CONTROLLER:

Dosing Processor DPC 3000

### MATERIALS:

Tea or dried herbs, friction materials (brake linings and clutch facings), mixing materials of any kind as well as bad flowing bulk materials

### STOCK<sup>1)</sup>:

24 litres or 100 litres agitator drum

### CONVEYING SYSTEMS:

Belts, vibration channels, vibration belts and screw conveyors

### CAPACITY<sup>1) 2)</sup>:

- 5g up to 5000g (depends on the volume of the weighing pan)
- 12 weighments/min

### ADDITIONAL EQUIPMENT:

Distributing systems, coordination tables, turntables, conveyor belts (upon inquiry)

### OPTIONS:

Customers specific adaptations

For a more detailed offer a sample of material, specifications of the weighing capacity, the charge weight as well as the desired accuracy are required.

If you request we would be pleased to prepare a material specific measuring report.



The gravimetric batch weighers of the series DW - T are dosing systems especially developed for mixing- and problem materials. Depending on the weigher type, the capacities are between 5g up to 5000g<sup>1)</sup> with 12 weighments/min and an accuracy up to 0.05%. As conveying systems belts, vibration channels, vibration belts or screw conveyors are at your disposal.

All DW - T dosing systems are low-wear and almost maintenance-free. The parts which come into contact with the product are easy to clean. The weighers are additionally provided with a dust protection.

All dosing systems of the series DW - T are also available as double weighing units DDW - T, i.e. one agitator drum charges two weighers.

<sup>1)</sup> Larger agitator drums and weighing ranges upon inquiry.

<sup>2)</sup> The capacity specifications depend on the material.

The weighing quantity is based on material with a bulk density of 1kg/dm<sup>3</sup>.