



## Dosing Weigher KDW 0.1

Gravimetric dosing system for granulates and free flowing powder

### FUNCTION:

The material will be transported out of the hopper (option with level control) by a conveying system in two phases, rough- and fine dosing, into the weighing pan. Then it will be emptied in batches to the conveying channel. The slightest deviation from the set weight will be registered immediately by the dosing processor DPC 3000 and compensated in the same weighing cycle. On the output channel the material will be equalized to guarantee a homogeneous outlet.

As conveying systems belts, vibration channels or vibration belts are at your disposal. Especially for bad flowing materials we recommend the use of vibration belts.

### CONTROLLER:

Dosing processor DPC 3000

### MATERIALS:

Granulates, free flowing powder and bulk materials

### STOCK:

2.5 litres round-shaped hopper

### CONVEYING SYSTEMS:

Belts, vibration channels and vibration belts

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

0.05kg/h up to 10kg/h

### OPTIONS:

Customers specific adaptations

### DIMENSIONS:

660 mm x 270 mm x 590 mm

### WEIGHT:

Approx. 25 kg

For a more detailed offer a sample of material, specifications of the desired throughput as well as the demanded accuracy are required.

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



The gravimetric dosing weigher for smallest quantities KDW 0.1 is a continuous dosing system for granulates and free flowing powder.

The KDW 0.1 satisfies high quality requirements. The throughput capacities are between 0.05kg/h up to 10kg/h<sup>1)</sup> with a convincing accuracy up to 0.1%. This is based on the isolation of the weighing system (the weighing system is decoupled from the hopper) and the high soluted electronic weighing.

The closed housing is made of an aluminium profile frame with removable macrolon windows. Therefore an easy access for the cleaning and maintenance work is guaranteed. All parts which come into contact with the product are manufactured of V2A (material no. 1.4301). At the hopper and the material outlet installations for flange mountings are possible to admit the whole system with over- or low pressure.

<sup>1)</sup> The capacity specifications depend on the material.

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