

S/M-KTW-SD

Weighing and dosing of poorly flowing materials

The S / M-KTW-SD is a module for weighing poorly flowable Material such as CaCO₃, chalk or barium sulfate.



For weighing and dosing of materials it is necessary to keep the material output constant. The S/M-KTW-SD has been developed in order to assure constant output for poorly flowing materials. An integrated agitator avoids bridge forming and provides a permanently filled dosing double spiral. The unit weight is calculated via a platform load cell. Via weight reduction values the throughput is calculated and controlled.

Especially new materials can not be processed with conventional weighing systems.

The increasing use of fillers and additives with poor flow properties led to the development of the S / M-KTW-SD.

In particular with the integration in the ConPro gravimetric systems it offers the possibility of quick compensation of apparent density fluctuations which are a natural feature of the above mentioned materials. The processed raw materials as stainless steel/ aluminium or the AC motors supports that the system is designed for durability.

Special features

- Easy mechanical assembly
- Low in wear and maintenance
- Large throughput range
- Excellent cost/performance ratio



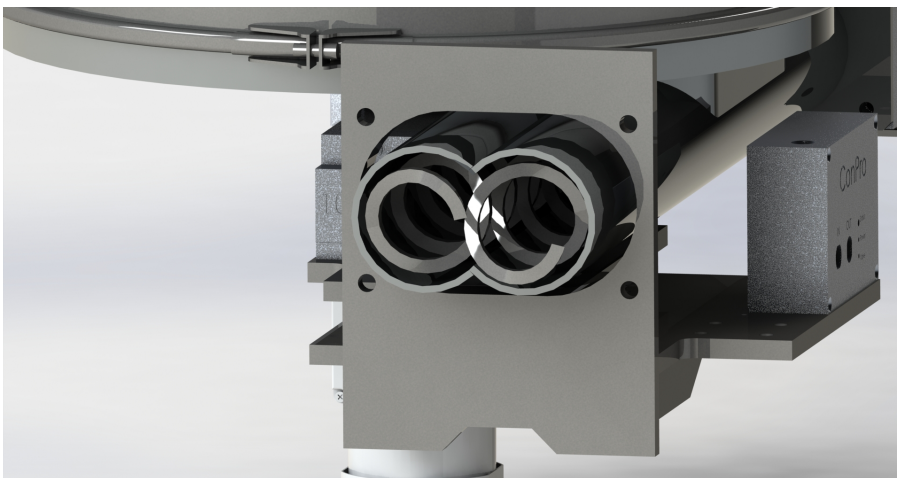
Product range:

Type of device	Dosing device type	Throughput* min. / max.
S/M-KTW – SD20	CP-H 30	ca. 10 – 100 Kg/h
S/M-KTW – SD40	CP-H 42	ca. 10 – 250 Kg/h
S/M-KTW – SD60	CP-H 42	ca. 10 – 500 Kg/h
S/M-KTW – SD80	CP-H 42	ca. 10 – 750 Kg/h
S/M-KTW – SD120	CP-H 60	ca. 10 – 1000 Kg/h
S/M-KTW – SD150	CP-H 60	ca. 10 – 1500 Kg/h
S/M-KTW – SD200	CP-H 100	ca. 10 – 2000 Kg/h
S/M-KTW – SD250	CP-H 100	ca. 10 – 2500 Kg/h

* **Material: powder, apparent density up to 200 - 300 g/l**

Example:

Stand-alone device „**GraviCon CPH 42**“
incl. material storage container & operating
station (photo incl. weighing technology, optional)



Application:

Wood profil

