

KKE NUTRA.

CAPSULE CHECKWEIGHING FOR NUTRACEUTICALS AND PERSONAL HEALTH PRODUCTS.

The KKE Nutra checkweigher answers the growing need of the nutraceuticals and personal health industry in terms of process control and increased product quality in your capsule production.

The capsule checkweighers, Syntegon KKE 1700, KKE 2500 and KKE 3800 set the standard in the field of 100% capsule weighing.

The reliable gravimetric weighing technology and safe capsule handling make them the ideal choice for your capsule checkweighing needs.

PROCESS CONTROL

In combination with a GKF Capsylon, a 100% checkweigher allows you to detect deviations within the filling process and thus enables an interaction, to significantly reduce over- and underfilled capsules.

The capsules are mechanically controlled throughout the entire weighing process, guaranteeing a secure separation of good and bad capsules.

DEPENDABLE PRODUCTION DOCUMENTATION

Data for the batch run is stored and digitally evaluated by a user-friendly operating system. All the data available on the system can be saved on data media or transferred to an external system via the USB port.

STANDARD AUTOMATIC TROUBLESHOOTING (ASB)

Deformed capsules are detected in the capsule feeder and automatically rejected by the ASB function, ensuring maximum machine availability.



KKE Nutra: Compact footprint and excellent accessibility allow an easy and efficient operation.

Your benefits

- ❑ Reduced costs by means of automation
- ❑ Full control of the manufacturing process
- ❑ Increased product quality to avoid customer claims
- ❑ Availability of full production data
- ❑ Increased yield by supervision of production parameters
- ❑ High-precision and reliable weighing process
- ❑ Correct weighing results due to slotted weighing pans
- ❑ ASB function (automatic trouble-shooting)
- ❑ Toolless size changeover in <1 min
- ❑ Calibration with calibration weights <3 minutes
- ❑ Fully automatic zero point adjustment during the process



Technical Specifications

	KKE 1700	KKE 2500	KKE 3800
Max. output	103200	154800	232200
Sizes	000–5, elongated, DB	000–5, elongated, DB	000–5, elongated, DB
Accuracy	(3s) = +/- 5 mg. Display value (d) = 1.0 mg (Standard deviation (1s) = 1.0 mg)		
Checking range	0–2000 mg	0–2000 mg	0–2000 mg
Control system	IPC with Windows 10 Online access via M-Guard	IPC with Windows 10 Online access via M-Guard	IPC with Windows 10 Online access via M-Guard
OPC-connection	Integrated machine operation and evaluation software as standard, with download function to customer network		
Corresponding filler	Connection to capsule filling machines of all brands possible		

KKE 1700

With an output of 103200 capsules/hour, the KKE 1700 is best suited for your quality controls in the medium production range. Combining the GKF Capsylon 1505 and KKE 1700 in line is an ideal setup in terms of safety and efficiency.

KKE 2500 / KKE 3800

With an output of up to 232200 capsules/hour, the KKE 2500 and KKE 3800 are ideally suited for large batches. In-line with the GKF Capsylon 3005 they are the optimal match for high-speed production.

LINE CONCEPT

Linking the KKE to a Syntegon GKF Capsylon capsule filling machine, via pneumatic transfer, leads to a highly efficient line process.

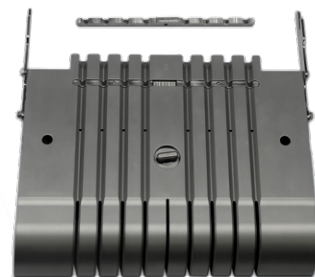
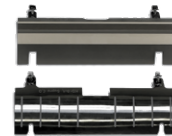


WEIGHT FEEDBACK

Dosing weight trends are detected safely. Corrections of the GKF Capsylon dosing systems are initiated by the operator.

TOOLLESS FORMAT CHANGE

The small number of format parts can be added/removed without any tools required and are designed for automated washing.



Complete format set for toolless change

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