

LINEAR

WEIGHT DOSERS

**AUDION
INDUSTRIAL
WEIGHERS**



AUDION

AIW 2004, 8000, 10000

INDUSTRIAL WEIGHERS



Audion Industrial Weighers, 2004, 8000, 10000

Audion supplies a range of industrial weighers. These weighers are of outstanding quality and convenient to operate. The modular construction makes cleaning easy and keeps maintenance to a minimum. Various options are available to meet specific customer requirements.

Audion industrial weighers are developed for weighing almost any, reasonable dry, free flowing product such as: rice, lentils, seeds, beans, nuts, tea, coffee, sweet confectionery, snack products, deep frozen food, small biscuits, cat litter, small hardware items etc.

The weighers are available in 3 types: the 2004 (2-bucket), 8000 (8-bucket) and 10000 (10-bucket).



TECHNICAL SPECIFICATIONS
AIW 2004, 8000, 10000

2004, 2-bucket weigher

This twin scale weighing system contains two operating weighing-lines. Each line has one coarse and one fine channel. Both fill the bucket until the adjusted weight is reached. The buckets dump the product through a hopper into the required packaging. All parts directly in contact with the product are made of stainless steel. The weighing buckets of the 2004 can be delivered in two different sizes, all to the required packaging need.

8000 and 10000, 8-bucket/10-bucket weigher

These multi head weighers are made out of either flat or profiled stainless steel. The product is fed in to the vibrating lanes through a flat, vibrating plate that reaches over the vibrating lanes. Each lane has one dosing bucket and one weighing bucket that are placed above each other. During the weighing, the dosing bucket is filled again. Therefore high speeds are possible. The weigher will select and dump the most optimal combination of the weighing buckets into the package.

Weigher type	2-bucket weigher	8-bucket weigher	10-bucket weigher
Weighing range	0.1 – 3kg	0.1 – 3kg	0.1 – 3kg
Max. capacity at 0.5 kg	30 pcs/min ¹	50 pcs/min	65 pcs/min ¹
Bucket dimensions	100 x 300 x 150 mm or 150 x 300 x 200 mm	110 x 150 x 180 mm	110 x 150 x 180 mm
Capacity of the bucket	2 or 6 L	2 L	2 L
Required air pressure	6 bar	6 bar	6 bar
Air consumption per minute	100 L	150 L	150 L
Supply voltage ²	230V-1ph-50Hz	400V-3ph-50Hz	400V-3ph-50Hz
Power consumption	0,5 kW	2,5 kW	2,5 kW
Weight of system	300 kg	750 kg	800 kg
¹ depending on weight and discharge system			
² other voltages on request			

Audion reserves the right to change these specifications without previous notice

Standard features

- Memory for 10 product codes
- Full life range loadcell
- Reject signals for overweight
- Pneumatic operation of all gates
- Auto zero
- Conveying speed of channel precisely adjustable
- User-friendly PLC
- CE-certified

Optional

- Stainless steel construction
- Level probe
- Remote data printer
- Statistical data collection
- IP 65



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