



SADE SP

Weight Sorter/Checkweigher for tablets and capsules

SADE SP sorters are designed for the accurate weight sorting of batches of tablets or capsules. Each item is individually weighed to a high accuracy and sorted into accept and reject categories.

Offering both flexibility and versatility the SADE SP can handle a wide range of product shapes and sizes without the need for change parts. Plus the unit has been specifically designed for rapid dismantling and quick set up.

The SADE SP records the sort details and can print statistical reports directly to a printer or, with SP Connect it can be linked to a PC.

We offer a range of SADE SP models, the floor standing units include bulk hoppers so can operate unattended for long periods of time minimising operator intervention. The neat Benchtop unit is ideal for use in the laboratory environment.

APPLICATIONS

Production and Manufacturing

100% weight sorting of products for complete quality assurance.

Reclamation of 'good' product from weight rejected batches – saves valuable product and minimises waste.

Research & Development and Clinical Trials

Ideal for accurate weight sorting of clinical trial or development batches.

KEY FEATURES

- Sorts both tablets and capsules
- Handles many shapes and sizes
- No change parts required
- Quick and easy clean down
- Bulk hoppers for 24 hour operation

EQUIPMENT RENTAL

SADE SP units available for rental in Europe.

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TECHNICAL DETAILS

| | SADE SP440 | SADE SP240 | SADE SP140 | SADE SP-B40 |
|-----------------------|---|---|---|---|
| Mounting | Floor standing | Floor standing | Floor standing | Benchtop |
| SP Bulk Hopper | 1 x 150 Litres | 2 x 60 Litres | 1 x 60 Litres | None |
| Weighing Channels | 4 | 2 | 1 | 1 |
| Sorting Rate per hour | Up to 22,000* | Up to 9,000* | Up to 4,500* | Up to 75 per minute* |
| 24 hour operation | Up to 500,000* | Up to 210,000* | Up to 105,000* | N/A |
| Weight Range | 0 - 2g | 0 - 2g | 0 - 2g | 0 - 2g |
| Product Size | Tablets: L24mm, W20mm Capsules: 0,1,2,3,4,5,& 00 | Tablets: L24mm, W20mm Capsules: 0,1,2,3,4,5,& 00 | Tablets: L24mm, W20mm Capsules: 0,1,2,3,4,5,& 00 | Tablets: L24mm, W20mm Capsules: 0,1,2,3,4,5,& 00 |
| Balance Readability | 0.1 mg | 0.1 mg | 0.1 mg | 0.1 mg |
| Reproducibility | ±2mg or ±1mg | ±1mg | ±1mg | ±1mg or ±0.5mg |
| Zero System | Automatic | Automatic | Automatic | Automatic |
| Contact Parts | 316 electro-polished stainless steel and PEEK | 316 electro-polished stainless steel and PEEK | 316 electro-polished stainless steel and PEEK | 316 electro-polished stainless steel and PEEK |
| Mobility | Stand can be raised on castors for mobility | Stand can be raised on castors for mobility | Stand can be raised on castors for mobility | Benchtop (only) |
| Voltage & Frequency | 115/230 VAC 50/60 Hz | 115/230 VAC 50/60 Hz | 115/230 VAC 50/60 Hz | 115/230 VAC 50/60 Hz |
| Air Supply | Clean dry air 3-5 bar or 43-73PSI | Clean dry air 3-5 bar or 43-73PSI | Clean dry air 3-5 bar or 43-73PSI | Clean dry air 3-5 bar or 43-73PSI |

* Varies per product and weighing environment

High accuracy Precision CI balance.

Sorting Technology Faster sorting with new pre-feed gate.

No Change Parts Sorts a wide range of tablets and capsules, no need for size format parts.

GMP design All contact parts are 316 electro-polished stainless steel or PEEK.

Rapid clean down Quick and easy to dismantle for cleaning.

Quick set up Operator adjustment reduced to a minimum.

Improved user interface Simplified machine and batch setup.

Display of statistics Real time display of batch data.

Detailed reports Produced directly via USB or network.

Data transfer to PC — SP

Connect Create secure pdf copies of reports. Export data into excel for further analysis.

User Access A security system limits access to authorized staff.

Advanced diagnostics Rapid diagnostics, minimise down time.



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