MOCON AB PLUS
Modular system for tablets, capsules and other small parts

High speed with extreme accuracy

Reduce cost & increase reliability of weighing operations

This instrument is ETL listed, Conforms to UL Std. 3101-1c, is Certified to CAN/CSA C22.2 No. 1010-1, and Complies with CE Product Safety, Electromagnetic Emission & Susceptibility

mocon
Completely automatic operation enables the balance to run independently of the operator.

MOCON is pleased to announce the AB PLUS, a new improved automatic balance. This system is ideal for unattended weighing and sorting of tablets or capsules. It is even possible to run the AB PLUS overnight. The AB PLUS gives outstanding throughput speed with precise repeatability making compliance with stringent government and in-house weight variance controls easier to achieve. The AB PLUS comes with its own computer and the statistics are suitable for record keeping or GMP purposes.

Test larger quantities in less time.

Make hand weighing and data collection a thing of the past; weigh and sort tablets or capsules at high speeds with the AB PLUS. The AB PLUS’s gentle airsweep even allows for work with dusty products.

Statistical Reports Include:
- Histogram
- All individual weights
- Mean
- Standard Deviation
- Relative Standard Deviation
- Sort Totals
For Production Applications . . .

- **Process Control**
- **Rework**
- **Reclaim**

**Benefits to production and R & D**

- Stores individual weights and statistics on hard drive.
- Safe and efficient operation.
- Performs fast, easy and unattended operation even overnight.
- Excellent accuracy and repeatability.
- Ideal for clinical batch and initial press start-up sorting.
- Includes desktop computer or optional notebook computer.
- Available with sorter and extra-large hopper extension for overnight applications.

**Sorter Option**

Automatically separates out-of-weight tolerance product (rejects) from acceptable product and includes continuous sorting mode of operation. Sorter chute extension permits continuous operation over extended intervals. Also can be used to separate “bad” product out before sending samples to assay. The sorter option is superior to competitive units by virtue of its “jam free” operation, ease of running into drums without table modification, and lower cost. Continuous sorting of your product depends on several factors, such as size, shape and weight.

**Multi-Sampler Option**

Multi-sampler option permits up to ten booths to be monitored simultaneously throughout the batch run.

**Continuous overnight sorter in operation.**

**Top view of balance shows automatic feed, individual weight readings, product removal and sorting.**
MOCON's Automatic Balances are modular. Start with a master, and add up to nine more satellites.

You decide the throughput you need versus your budget. The computer, included with the master module keeps track of the product being processed by each module. Total batch statistics are computed, including total tablets or capsules processed, total good, total bad, standard deviation, histogram, etc.

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Readability</td>
<td>1 and 0.1 mg, selectable</td>
</tr>
<tr>
<td>Weighing speed</td>
<td>20-45 per minute (per module).</td>
</tr>
<tr>
<td></td>
<td>Hi &amp; Low speeds selectable*</td>
</tr>
<tr>
<td>Power</td>
<td>120VAC, 60Hz, 1 amp</td>
</tr>
<tr>
<td></td>
<td>All foreign voltages available</td>
</tr>
<tr>
<td></td>
<td>Requires in-house air.</td>
</tr>
<tr>
<td>Nominal System Throughput*</td>
<td></td>
</tr>
<tr>
<td>1 Master Module</td>
<td>45/min</td>
</tr>
<tr>
<td>1 Master with 4 satellites</td>
<td>225/min</td>
</tr>
<tr>
<td>1 Master with 6 satellites</td>
<td>315/min</td>
</tr>
<tr>
<td>1 Master with 9 satellites</td>
<td>450/min</td>
</tr>
</tbody>
</table>

*Speed depends on tablet shapes and may be slower for some products.

Vist our website at www.mocon.com
Email us at: info@mocon.com