

Gamlen® M-Series Tablet Presses

Small scale tablet and micro tablet
manufacture for your laboratory
or manufacturing facility

- Plug in and go
- Works straight out of the box
- No training required
- Push-button control panel
- Tablet quality controlled on each tablet by control of compaction force and tablet weights
- Manufacturing losses minimal (<1%)
- Suitable for use in a protected and controlled GMP environment (eg isolator)
- Output 100-180 tablets per hour
- Compression mix dispensed using GamPette™
- Two speed options: 1 mm/s and 4 mm/s



Your quick route to manufacturing small batches of tablets under tightly controlled conditions

Gamlen® M-Series unique benefits include:

- Quick and easy to use with tiny amounts of material Improves tablet manufacturing process
- Very low wastage rates, normally less than 1% Being able to check product quality prior to putting batches onto production presses
- Can be used in controlled humidity environment Saves time, money and materials

Using the Gamlen® M-Series you'll be able to:

- Quickly compare formulations
- Test small quantities of material down to 10 mg
- Manufacture preclinical and phase 1 product
- Ideal for investigating tableting problems

Applications

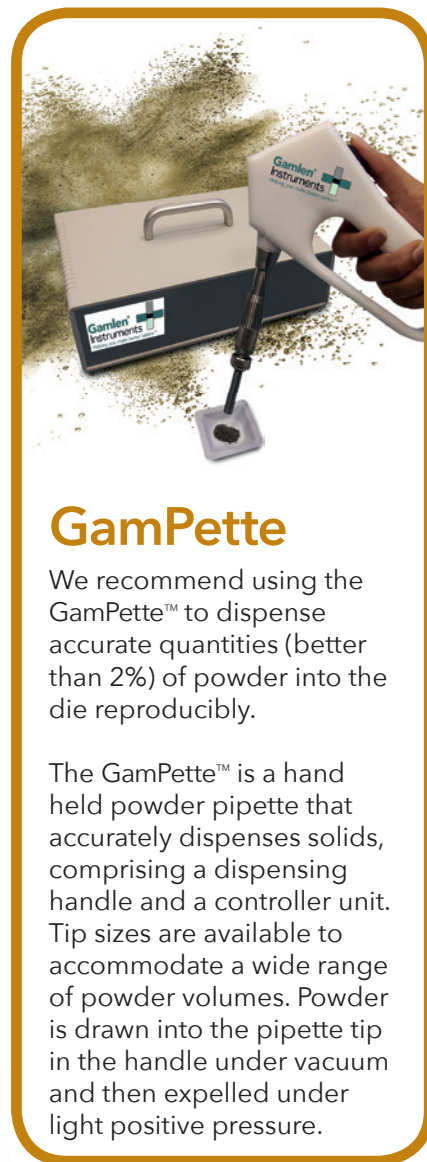
- Manufacture of test product batches
- Formulation comparisons
- Excipient compatibility samples
- Manufacture of phase one clinical trials material

Quick and easy to operate

- The Gamlen® M-Series offers a quick route to the manufacture of small batches of tablets under tightly controlled conditions.
- Sample powders (we recommend using the GamPette™ - accuracy $\pm 2\%$ or better for most materials).

Performance

- Manufacturing rate approximately 100 tablets per hour.
- The product can be manufactured under completely controlled compaction conditions including compaction rate and compaction force (all tablets) and temperature and humidity when used with glove box).
- Doses as low as 10mg, lower in some cases.
- Product yield essentially 100% - NO LOSS of valuable or scarce products.



GamPette

We recommend using the GamPette™ to dispense accurate quantities (better than 2%) of powder into the die reproducibly.

The GamPette™ is a hand held powder pipette that accurately dispenses solids, comprising a dispensing handle and a controller unit. Tip sizes are available to accommodate a wide range of powder volumes. Powder is drawn into the pipette tip in the handle under vacuum and then expelled under light positive pressure.

GAMLEN® M500 SPECIFICATION

Tablet punch size: 2 - 15 mm diameter
Material capacity of the die: 2 - 400 mg
Compaction rate: 0.01 - 3 mm/s
Maximum load: 500 kg
Load cell travel: 30 mm
Test height: Maximum extension of 300 mm
Load selection: User selected by computer interface
Load cell resolution: 1:5000
Calibration: Dead weights in kg or proving ring
Power requirements: 80-240 VAC 3.15A
Instrument dimensions: 310 x 270 x 375 mm
Instrument weight: 16kg
Shipping size: 390 x 350 x 390 or 460 x 430 x 480 mm
Shipping weight approx: 20kg

GAMLEN® M1000 SPECIFICATION

Tablet punch size: 2 - 15 mm diameter
Material capacity of the die: 10 - 1000 mg
Compaction rate: 0.01 - 3 mm/s
Maximum load: 1000 kg
Load cell travel: 40 mm
Test height: Maximum extension of 300 mm
Load selection: User selected by computer interface
Load cell resolution: 1:5000
Calibration: Dead weights in kg or proving ring
Power requirements: 80-260 VAC 3.15A
Instrument dimensions: 320 x 285 x 388 mm
Instrument weight: 24kg
Shipping size: 390 x 350 x 390 or 460 x 430 x 480 mm
Shipping weight approx: 28kg

Have a question? Like a quotation? Want to see a demonstration?
Then email michael.gamlen@gamlentableting.com or call us now on **+44 115 912 4271**

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