

# MTCM-I

## MANUAL TABLET COMPACTION MACHINE

GlobePharma's Manual Tablet Compression Machine, Model MTCM-I, is designed for compaction of powders into tablets one at a time. It can also be used for compression of unit-dose powder samples obtained with GlobePharma's Unit-dose Powder Samplers into tablets for submission to the analytical lab. Double layer tablets as well as a tablet within a tablet can be made, one at a time, using this machine.

Compression is accomplished by means of hydraulic pressure applied with a manual hydraulic pump. One pressure gauge with 5000 lb. or 10,000 lb. capacity is provided with the machine. The gauge is calibrated against a NIST certified load cell and the calibration curve is provided with the machine.

The MTCM-I accommodates standard "B", "D", and "DS" size tablet tooling without requiring any modifications or special tooling. Round-shaped as well as special-shaped tooling may be used. One set of punch holders (B, D or DS) is supplied with the machine. The interchangeable aluminum punch holders help keep the tooling properly aligned during compression. Additional holders may be purchased separately.



Manual Tablet Compaction Machine, MTCM-I

## Features

- Single tablet manual compaction
- Uses Standard B, D & DS tooling
- Interchangeable Punch holders for B, D & DS tooling
- Double layer, tri-layer and tablet within a tablet can be compacted
- Choice of either 5,000 lb or 10,000 lb PSI gauges
- Portable Design or can be mounted to any bench top.
- Hydraulic hand pump with piston