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MANUAL TABLET COMPACTION MACHINE MODEL MTCM-I



The 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 3000 lb., 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.

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. Additional punch holders and punches and dies are optional.

The interchangeable aluminum punch holders help keep the tooling properly aligned during compression.

The machine is compact (16" W x 12"D x 24"H) and is portable (65 lbs.)