

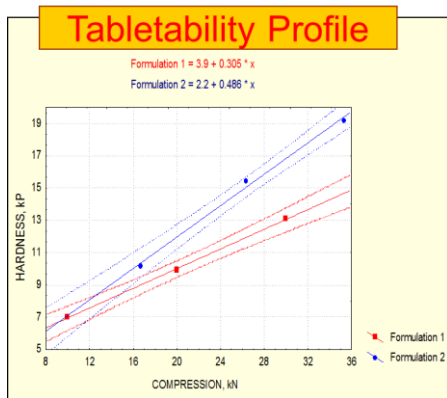
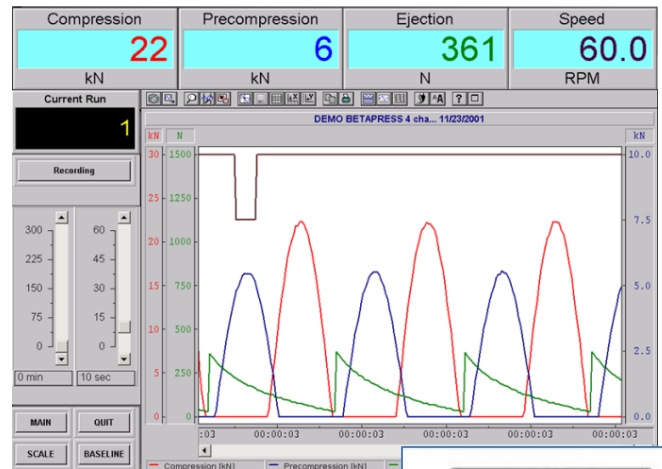
MCC 5+5 SCIENTIFIC COMPACTION RESEARCH SYSTEM

INSTRUMENTED ROTARY TABLET PRESS PACKAGE

with a comprehensive scientific data analysis software

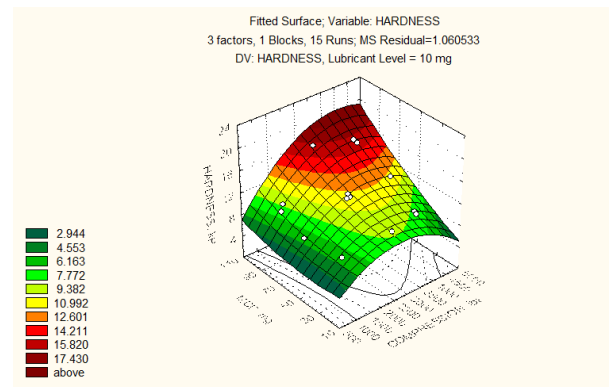
Includes:

- Instrumented Rotary Tablet Press (5B and 5D tooling on the same turret)
- Precision instrumentation (including NIST traceable calibration)
 - compression
 - precompression
 - optional ejection
- Professional notebook computer with press monitoring & analysis R&D software
 - real-time waveforms



- real-time waveforms
- digital peak force meters
- chart recorder
- tabletability profiles (hardness vs. compression)
- ejection studies plots
- lubricant studies plots
- force, area, dwell time, contact time report for each station
- complete waveform analysis

- ideal for formulation optimization & raw material evaluation
- fully documented and validated to FDA standards
- 21 CFR part 11 compliant if required
- all reports and graphs in MS Excel
- compressed density calculations
- MCC Scale-Up Calculator
- comprehensive user manual
- on-line help with video tutorial
- optional take-off sensor
- optional Experimental Design subsystem
- software installed and validated in major pharmaceutical companies





Press Technical Specifications	
Type of Tooling	B & D
No. of Stations	10 (5B + 5D)
Max. Main Force (kN)	50
Max. Precompression Force (kN)	10
Max. Tablet Diameter, B-tooling (mm)	22.2
Max. Tablet Diameter, D-tooling (mm)	38.0
Max. Depth of Fill, B-tooling (mm)	19.1
Max. Depth of Fill, D-tooling (mm)	23.8
Max. Tablet Thickness (mm)	8
Max. Turret speed (RPM)	40
Max. Production Capacity, B or D (TPH)	12,000
Net Weight (kg)	500
Dimensions: Length (mm)	580
Dimensions: Width (mm)	500
Dimensions: Height (mm)	830
Electric Motor Power (HP)	2
Feeder Motor Power (HP)	0.25
Electrical: Voltage (V)	220/380
Electrical: Frequency (Hz)	50
Electrical: Power (kW)	1.5

- AC Inverter Drive for main motor.
- Centrally driven slotted Stainless Steel turret fitted with thrust bearing
- Low noise level
- Force Feeder with AC drive
- Operator safety through upper guard interlocking
- Overload and pressure release
- One-shot lubrication
- System warranty: worry-free one year
- Current (2016) price: \$40,500
- FOB East Hanover, New Jersey, USA

Options:

- Maintenance / calibration services
- Worry-free Extended Warranty contract