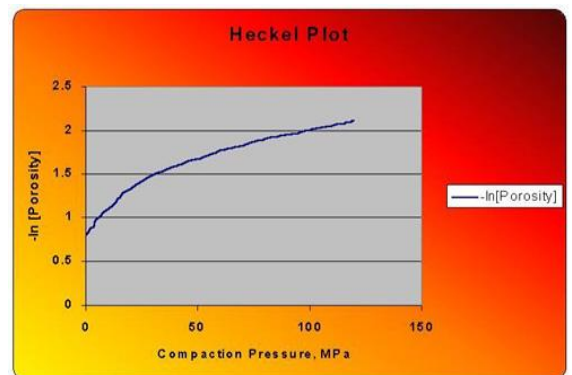
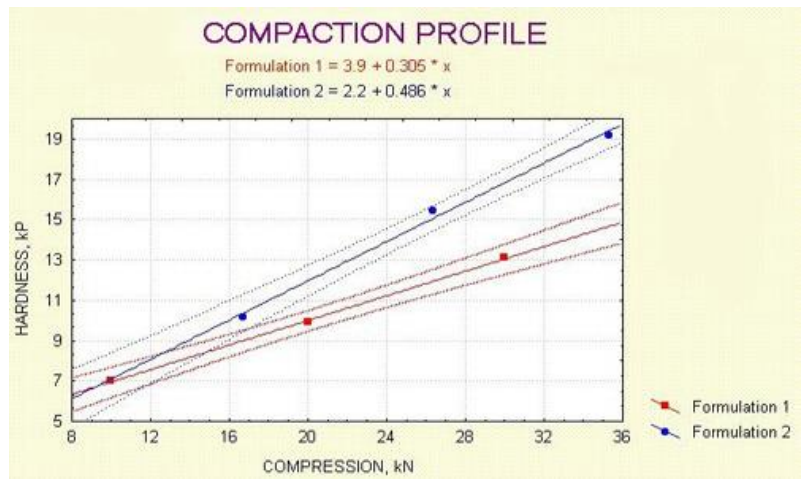


# SCIENTIFIC COMPACTION RESEARCH SYSTEM

Includes:

- Instrumented Single Station Tablet Press  
Instrumentation (including NIST traceable calibration):
  - Compression
  - Transmitted Ejection
  - Punch Displacement
  - In-die thickness
- Laptop with Windows 7 and press monitoring R&D software
  - Real-time waveforms
  - Digital peak force meters
  - Tableability profiles (hardness vs. compression force)
  - Compressibility profiles (volume or solid fraction vs. pressure)
  - Compactibility profiles (hardness vs. volume or solid fraction)
  - Ejection studies (ejection force vs. lubricant level plots)
  - Heckel plots
  - Picker (3-D Heckel) plots
  - Force vs. Displacement plots (to estimate work of compaction)
  - Force vs. In-Die Thickness plots (to estimate elastic recovery)
  - Strain vs. Stress plots
  - Compressed density calculations
  - MCC Scale-Up Calculator
  - All reports and graphs in Microsoft Excel
  - Comprehensive user manual and on-line help with video tutorial





Press Specifications	
Number of Punches (non-IPT)	1
Max. Main Pressure (kN)	50
Max. Tablet Diameter (mm)	25
Max. Tablet Thickness (mm)	8
Max. Depth of Fill (mm)	20
Max. Production Capacity (Tablets/min)	60
Dimensions: Length (mm)	580
Dimensions: Width (mm)	500
Dimensions: Height (mm)	830
Electrical: Voltage (V)	220/380
Electrical: Frequency (Hz)	50
Electrical: Power (kW)	1.5
Weight (kg)	190

- Enclosed structure to avoid contamination, per cGMP standards.
- The press has multiple safety protection systems with door interlocks.
- Rugged structure and outstanding appearance.
- Tablet weight can be adjusted by the fill control gear and hand wheel at any time during the operation.
- Tablet hardness can be controlled by the gear axle under the eccentric wheel set.

Delivery: 15 weeks

System condition: new

Warranty: one year

Price: \$31,000

FOB East Hanover, New Jersey, USA

Options:

- Stand / cabinet table
- Tooling (user specified size / shape)
- Maintenance / calibration services
- Worry-free Extended Warranty contract

