

VST MODEL PSM 600-3030 SPECIFICATION

Carriage size:	30 in x 30 in
Payload capacity:	600 lbs.
Specimen Height (Max.):	85-90"
Table Lift Mechanism:	Pneumatic
Velocity Change:	350 in/sec (200 lb. payload)
Cycling Rate:	Up to 15 shocks/ min. (5-10 typical)
Stroke:	21 in. (max)
Brake System:	Hydraulic
Minimum Time Duration:	0.5 mSec.
Maximum Time Duration:	30 mSec.
Foundation:	Seismic with isolation
System Height:	<6 feet
Floor space:	~ 60 in. x ~ 60 in.
Weight:	~ 7500 lbs.
Power requirement:	115V, 1 phase, 60 Hz
Air Pressure:	80-120 psig
Operational Control:	Desktop PC



VST ST DAS4U, Four Channel USB Digital Shock Pulse Instrumentation System to run on Windows® OS:

- 4 Accelerometer Channel USB Signal Conditioning Box
- Shock Tool Software Includes:
 - Waveform Display on Graph
 - Analysis of pulse width, peak G and velocity change
 - Hard copy report
 - Tolerance window overlay on Graph and Hard Copy
 - Pulse waveform storage and retrieval
 - Low pass built-in filter
- Automation Software with the following:
 - Amplitude Regulation
 - Each shock pulse to memory
 - Count of shock pulses
 - Creates reports and graphs of shock history
 - Ability to review individual shock pulses
 - Filters control channel to give consistent history of amplitude in order to maintain a trend within a user specified tolerance

