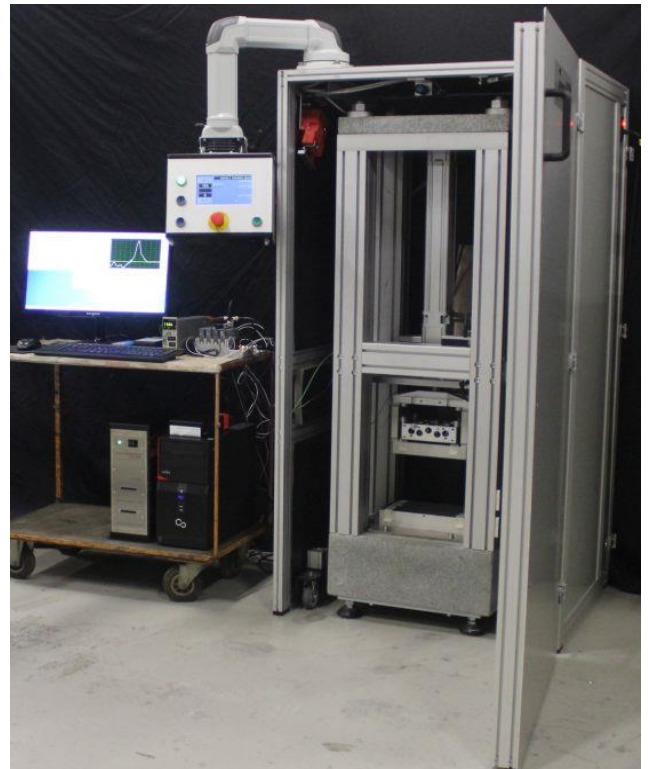
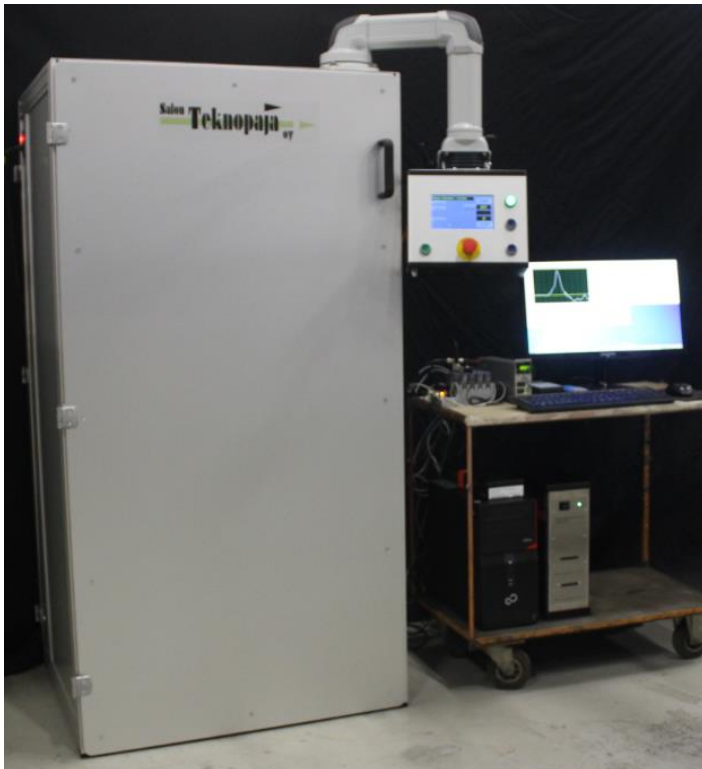


PST30 Pneumatic Shock Tester

Salon Teknopaja Oy has developed a new pneumatic Shock Tester with 30 000 G maximum acceleration. The tester fulfills requirements of Jedec JESD22-B111, JESD22-B111A and is suitable for customer specific variations.



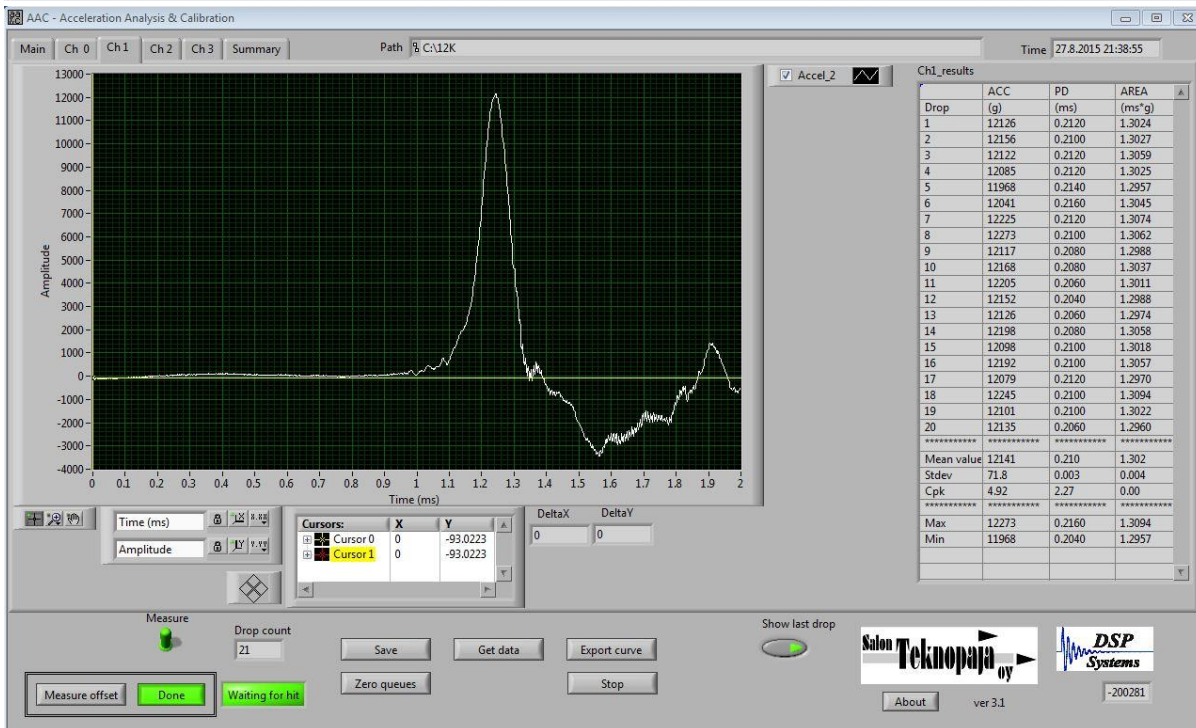
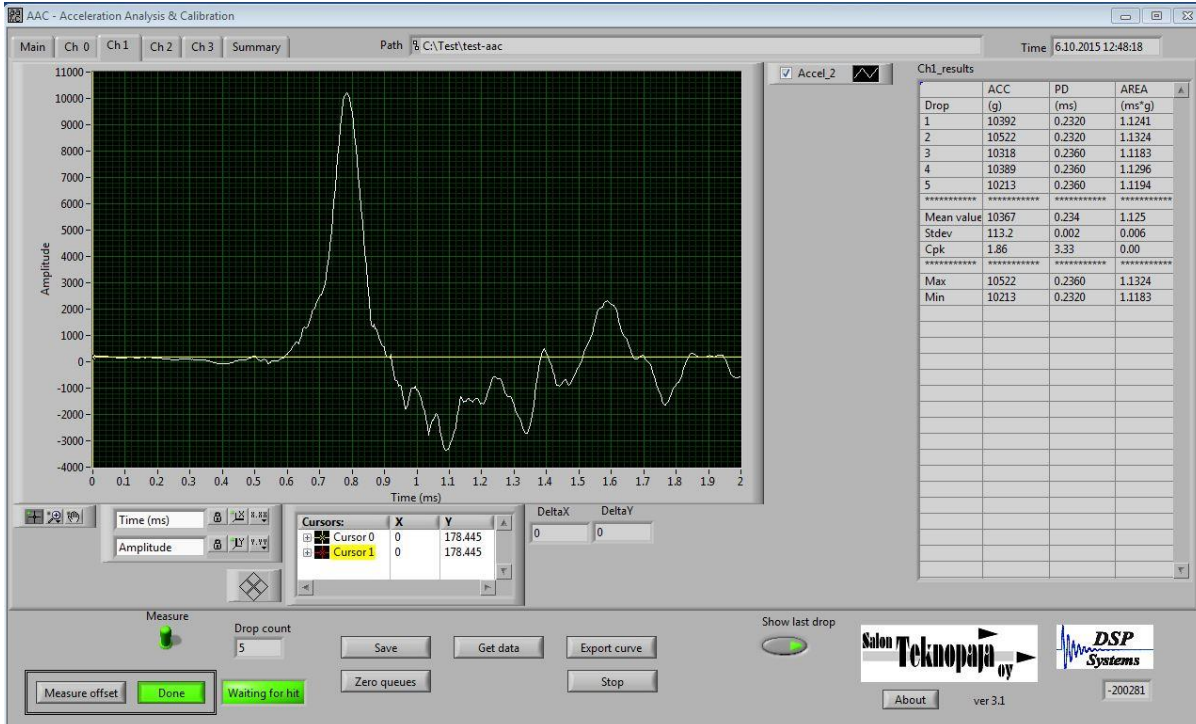
The PST30 Pneumatic Shock Tester is fast, multi-purpose, robust, easy to use and easily maintainable. The collision method is executed with a pneumatic actuator. Shock impacts are produced with better repeatability and better stability of the impact pulse over long periods of time. PST30 enables efficient and cost effective reliability assessment of component boards.

Technical data:

- Maximum shock 30 000 G
- Adjustable shock repetition frequency
- Variable PCB sizes e.g. 77 X 77mm, 85 x 85 mm, 140 x 140 mm, max object size 220 x 320 mm
- Acceleration measurement sample rate 500 kS/s
- 32 channel event detector
- Power requirement 110-240 VAC, single phase, 50/60 Hz
- Compressed air 6 bar
- Weight 480 kg

PST30 Pneumatic Shock Tester

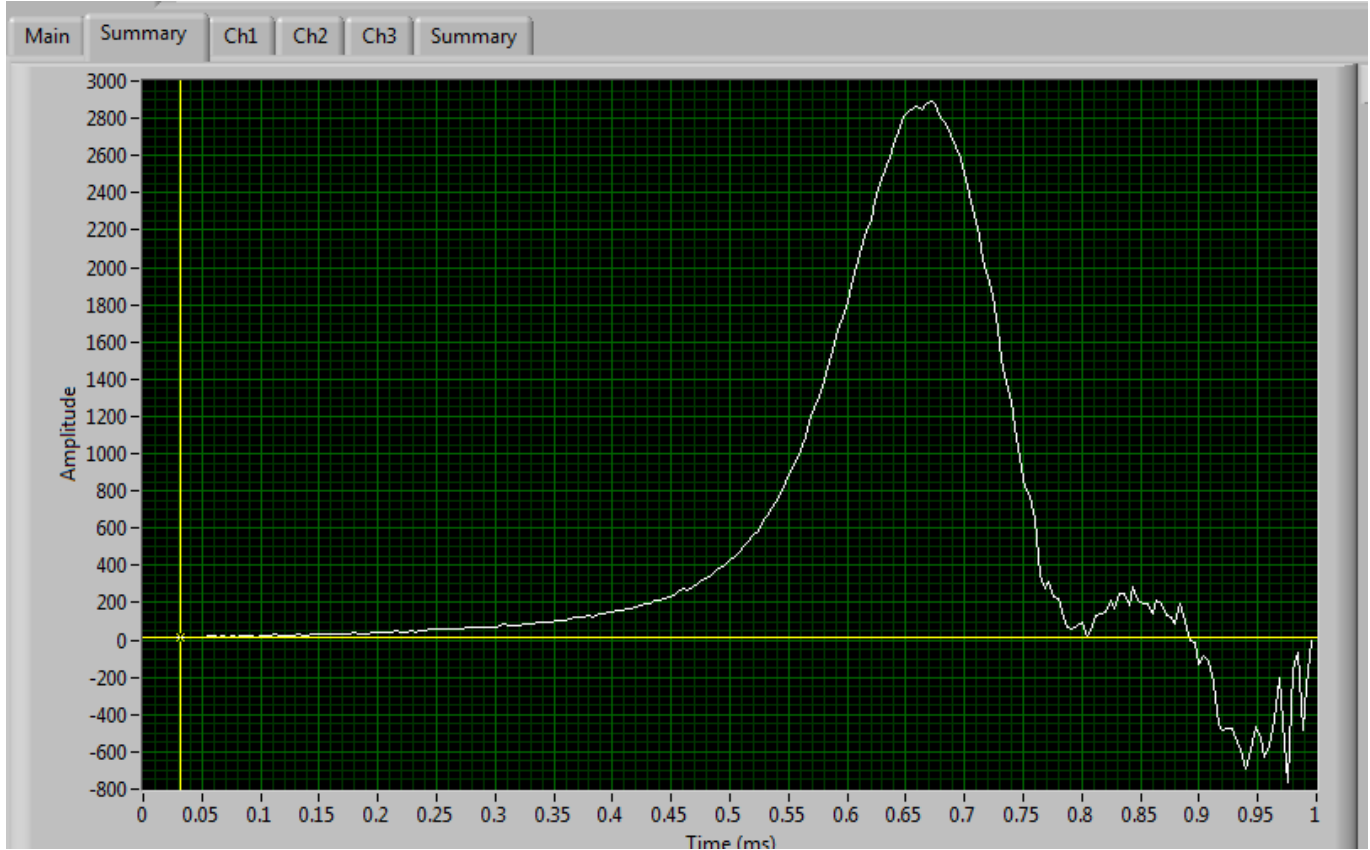
With PST30 shock pulses are easily produced, e.g. 10 000 G / 0.25 ms and 12 000 G / 0.20 ms:



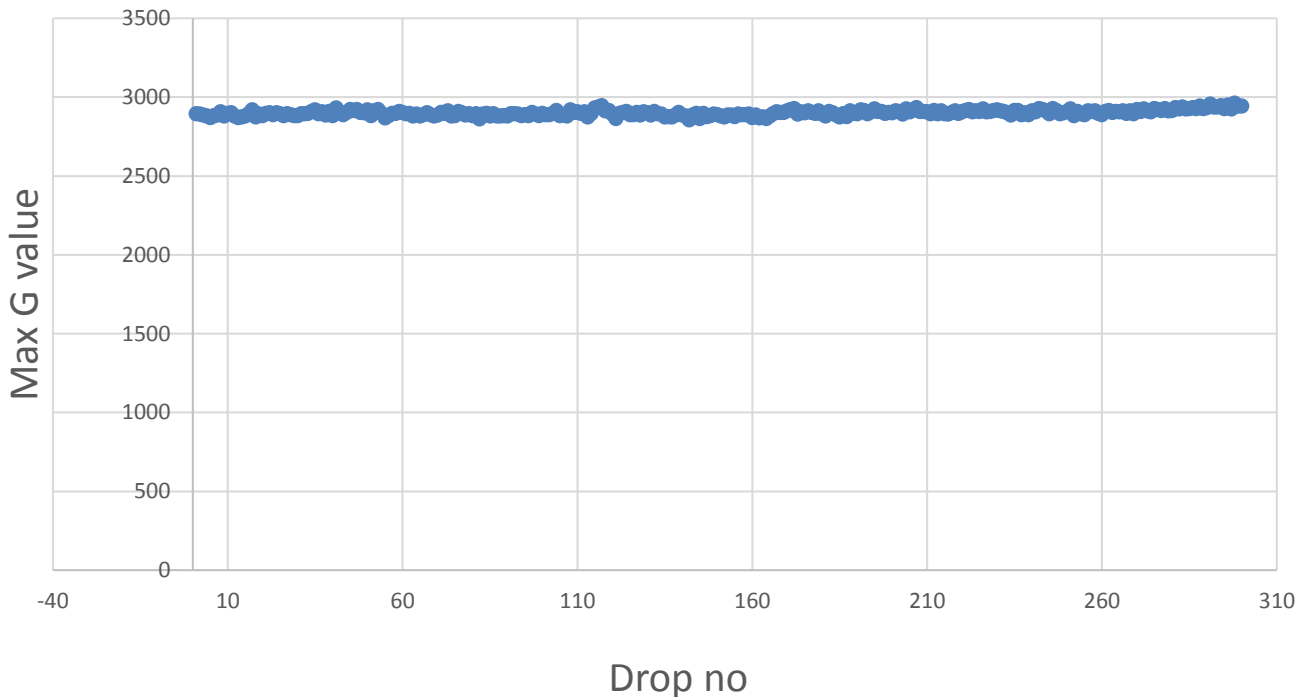
Inquiries of other pulse examples and other inquiries can be sent to sales@teknopaja.com.

PST30 Pneumatic Shock Tester

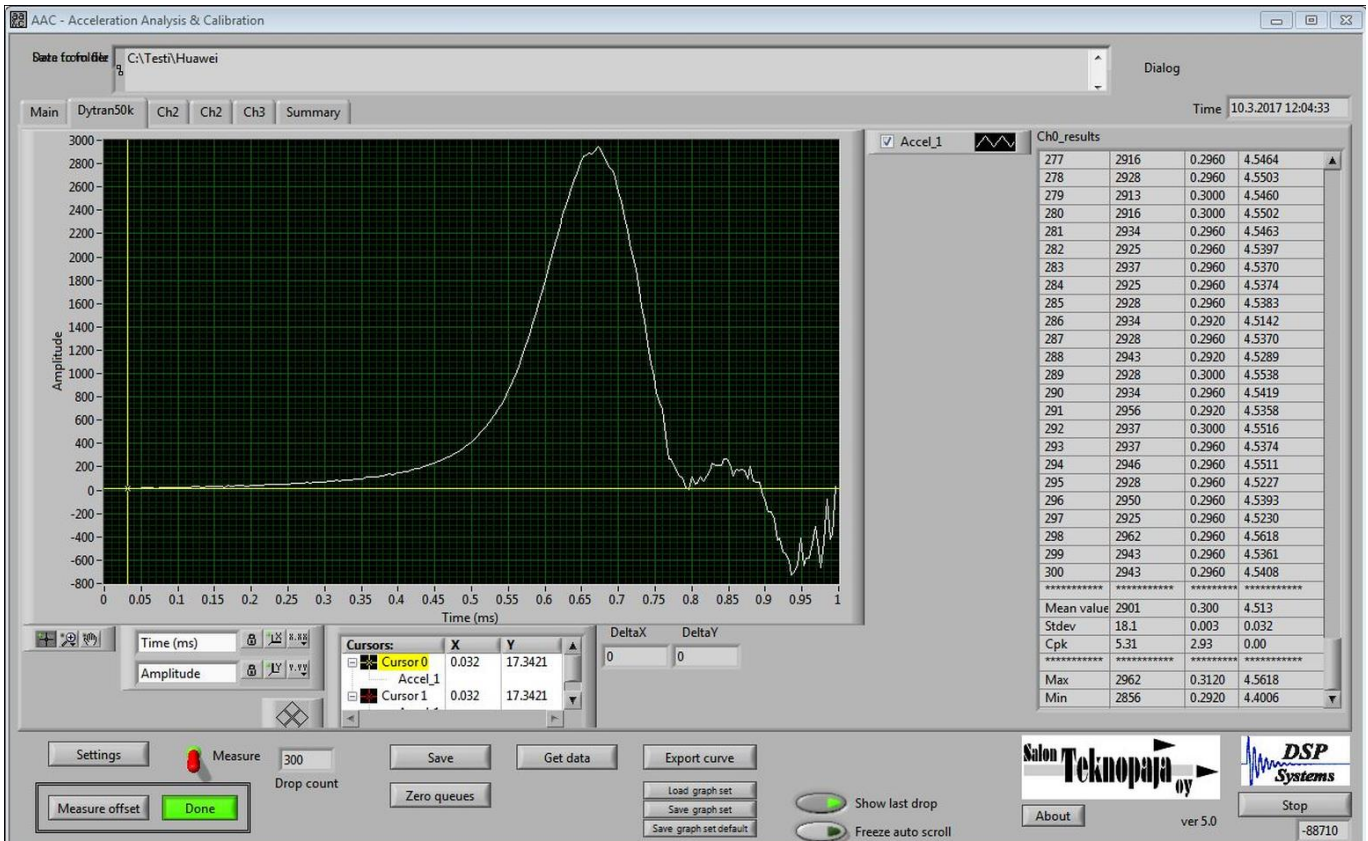
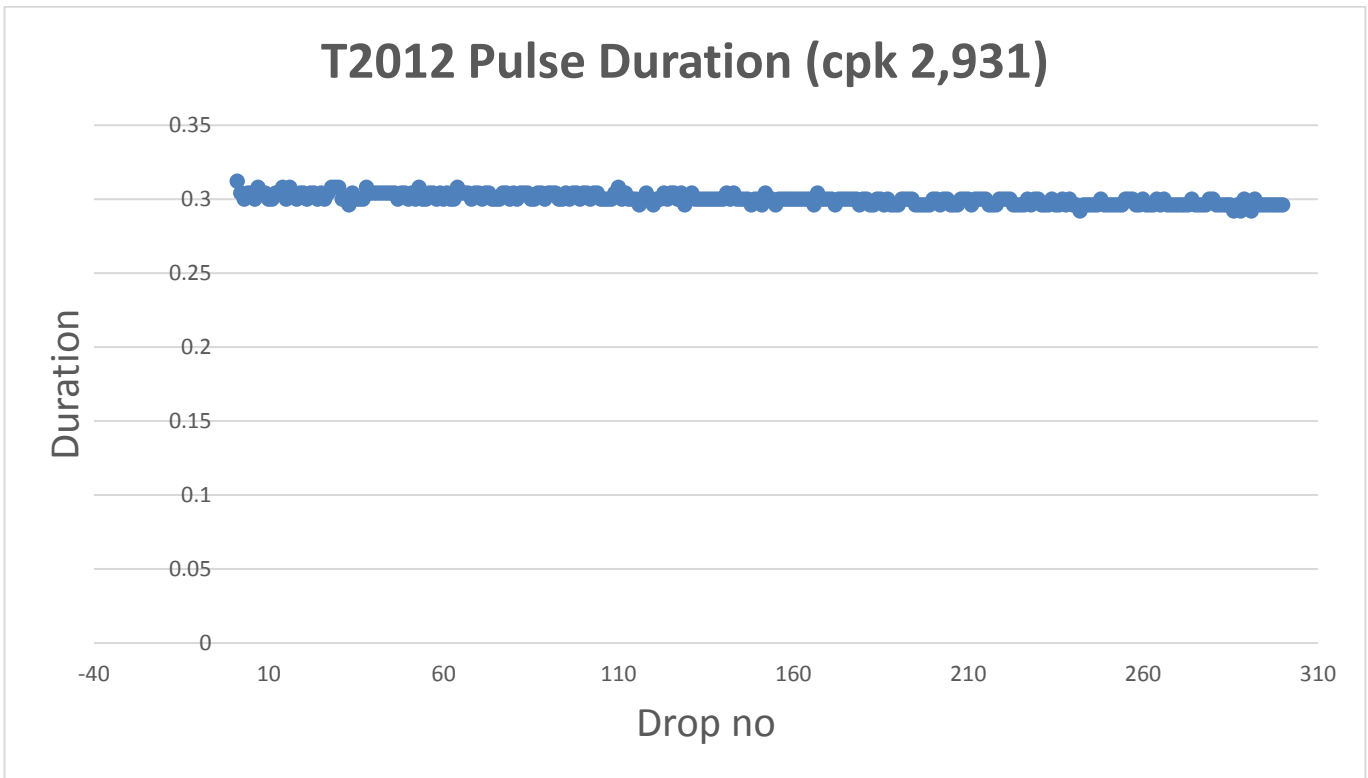
Sample results of 300 drops serie (2900G/0,3ms)



T2012 Max g (cpk 5,313)



PST30 Pneumatic Shock Tester



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