Notice to Pendulum Licensees Regarding the Pendulum Test

Since 2010 the Pendulum Test software has supported two Pico Technology hardware configurations:

- ADC 212/50 with the S167 modification (32-bit operating systems only)
- PicoScope 4224 IEPE (both 32-bit and 64-bit operating systems)

In past year, the USGA and R&A identified a limited number of cases in which small differences in characteristic time (CT) results were observed between the two configurations listed above. (NOTE: these differences were well within the published tolerance of the CT test.) Research into the issue identified clipping of the accelerometer signal, particularly at the highest velocity drop points. Subsequent testing demonstrated that incorporating an external signal conditioner eliminated the issue.

As a result, a new version of the Pendulum Test software is being made available to support an additional hardware configuration:

- PicoScope 4224 IEPE with external signal conditioner (PCB Piezotronics model 480C02 or equivalent).

With this addition, all Pendulum Test hardware/software configurations identified above will be in full alignment.

For any questions, please contact:

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