

Dynamic trigger pull gauge

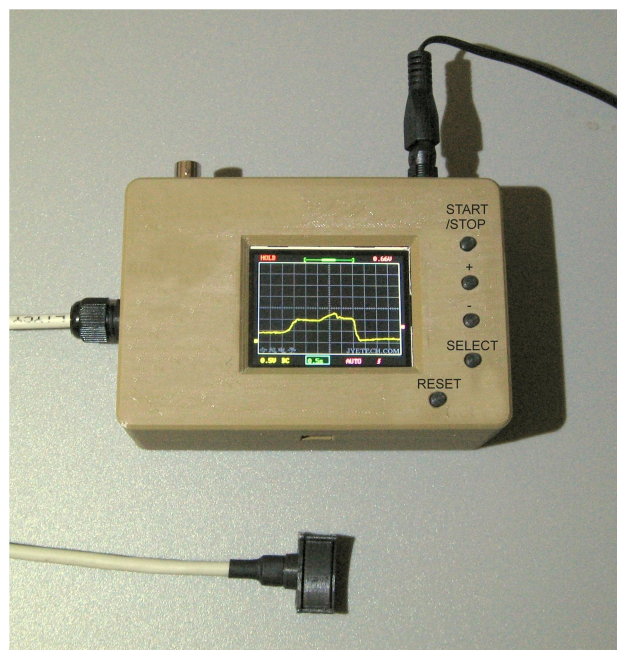
I have developed a tiny electronic weight/pressure transducer that can be placed between the finger and the trigger of a firearm.

The purpose is to monitor the finger pressure dynamically versus time during the whole 'firing procedure'.

Some obvious applications as I see it:

- 1) To be used when training new shooters – to check during dry-firing sessions that they have understood the instructions 100% - including raising the pressure gradually during the second stage until the firing point – and then also keeping the pressure immediately after the firing point.
 - 2) To be used during adjustment of two-stage trigger mechanisms – e.g. to get the top of the first stage as high up against the actual firing pressure as desired.
 - 3) To be used for checking/debug of the trigger mechanism itself.
- and most likely quite a few other applications.

Below some pictures of my first prototype - using a SAUER 200 STR competition rifle as example:



Horizontal scale: 0.5 sec./div - Vertical scale: 0.5 kgs/div.