

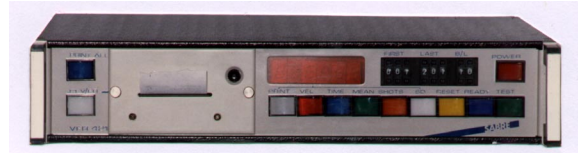
Velocity & Firing Rate Analyser Type 421

The SABRE Ballistics Velocity & Firing Rate Analyser (VFR) Type 421 is an advanced micro-processor based instrument primarily designed to measure weapon rate of fire and projectile velocities for use in weapon / ammunition design, production or proofing. Additional uses are in the fields of armour assessment and forensic science.

It is capable of detecting bursts in the range 60-6000 rounds per minute, using event marker signals generated by most types of shot detection equipment in current use. Velocities are measured using pairs of shot detectors, placed a known distance apart.

Rate of fire can be simultaneously measured, or done on its own with one detector. Statistical data such as means and standard deviations of any group of shots may be displayed on demand. It features an integral printer.

The instrument is available as a standard single channel instrument or as a triple channel version (421T). Special modes may be customer selected to facilitate such measurement of action, fuze or ballistic trajectory time so the instrument is able to perform many different timing, and statistical functions on the range.



INSTANT VELOCITY READ OUT ETC

UP TO 200 ROUND VELOCITY & RATE OF FIRE STORED

VARIOUS VERSIONS TO SUIT APPLICATION

BATTERY / MAINS OPERATION

MULTI-ROLE CAPABILITY INCLUDES FUZE TIMING

INTEGRAL PRINTER

INTERFACE FOR COMPUTERS ETC

SABRE
Ballistics