

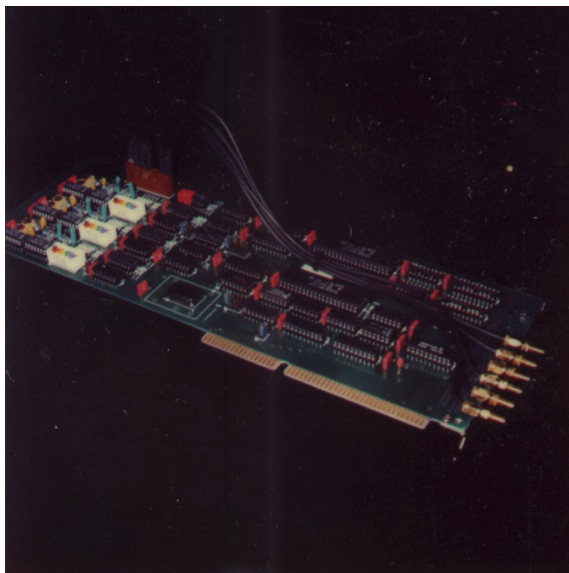
PC Velocity & Firing Rate Analyser

The **SABRE** Ballistics PC Velocity and Firing Rate Analyser (PC/VFR) is a high performance computing chronometer kit for installation in PC compatible personal computers.

The kit comprises of a full length industry standard (ISA) bus compatible card which is installed in the user's PC. Three channels of 24 bit counters are provided with 100ns (10MHz) precision crystal clock source which is started and stopped by external sensors via an easily configured input circuit. Software is supplied on disk to obtain time, velocity and rate of fire information from the card. There is also a sensor status display which is useful for checking sensors and cables etc. Other measurements such as hang fire, action time, HE round fuze delay etc are also readily made.

The input circuit, which is connected to the user's sensors or other instrumentation, has been designed to accommodate rising, falling (or both) electrical impulses over a wide range of input amplitudes. In addition, current sources for contact closures may be user enabled.

It should be noted that SABRE is able to supply additional software to support PC/VFR in various applications. Please contact the factory for details.



TRIPLE CHANNEL VELOCITY MEASUREMENT

ONE RATE OF FIRE CHANNEL

OPTIONAL TIME OF FLIGHT CHANNEL

SENSOR STATUS DISPLAY FOR EASE OF USE

INDUSTRY STANDARD CARD

SOFTWARE SUPPLIED

SABRE
Ballistics