

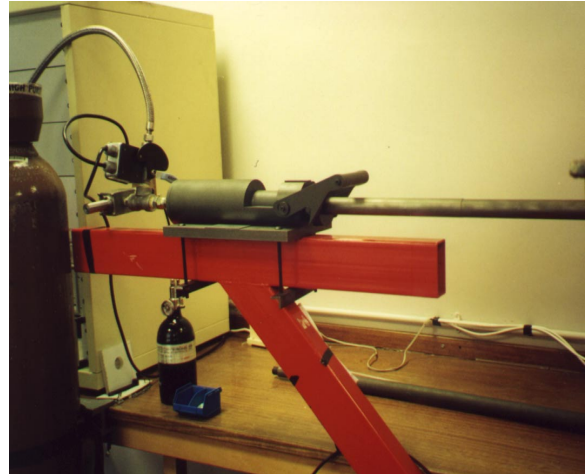
The SABRE Ballistics AIG High Pressure Gas Gun is a single stage high performance weapon, typically used for ballistic material testing. It normally operates using standard helium gas. The desired projectile velocity is obtained by adjusting the pressure of the gas before firing.

It obtains high velocities by using a fast acting shuttle valve which releases a set volume of gas held in a chamber within the gun.

Projectiles or fragments are loaded by removing the quick release barrel. An over-centre lever catch locks the barrel after loading and the gun is ready to fire. The standard configuration is for 7.62 mm for NATO (Stanag 2920) Fragment Simulating Projectile (FSP) firing. However, other calibres can easily be added, typically from 0.22" through to 12.5mm including smooth bore barrels firing 6mm ball bearings.

Firing is accomplished electrically, so it can be operated remotely and safely. It is also easy to connect the firing circuit through door interlocks for added user safety.

An optional Gas Booster is available to maximise use of helium gas and avoid any loss of available velocity as gas bottle pressure falls.



EASY VELOCITY ADJUSTMENT FOR V_{50} ETC

FAST LOADING WITH QUICK RELEASE BARREL

ELECTRICAL FIRING FOR ADDED SAFETY

MULTI-CALIBRE GUN

ECONOMICAL AND EASY INSTALLATION

GAS BOOSTER AVAILABLE FOR BEST GAS USE