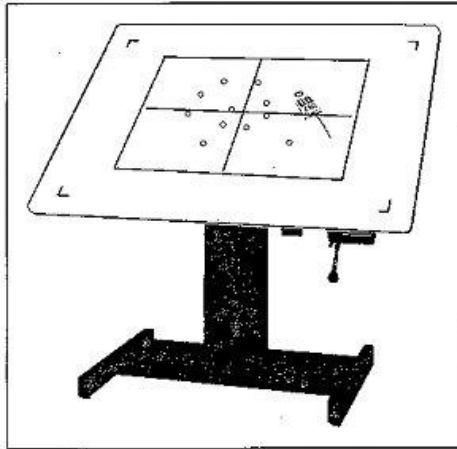


SHOT DIGITISATION SYSTEM



The MS Instruments PLC Shot Digitisation System is used to enter shot co-ordinate data into a processor when an Automatic target has not been available or it is not possible to use one.

The system generally consists of a Range Controller, digitiser and control software, however the user may provide a suitable processor if required. The user's own digitiser may be used if it conforms to standard protocols, however, MS Instruments PLC are able to integrate special units and would be pleased to provide a quotation on request.

The user marks the required axes on the paper target and places the target on the Digitiser in any position. The target is then orientated by clicking, using a pointing device such as a puck or pen, on the left and right extremes of the horizontal axis and the centre point of the target - this is used to 'calibrate' the target. The shots are then marked simply by clicking over each shot hole after which the shots are displayed on the computer screen.

The software calculates the Mean Point of Impact, displays the co-ordinate and shows a cross on the target display. The system also provides an extensive range of statistical analyses including standard deviation and Group Circle.

The data may be saved to disk and printed out in graphical form. Data may be saved in ASCII, Excel™ and other standard formats to allow transfer to other software packages for additional analysis.

The software has a clear and simple user interface which makes use of single key presses and also offers mouse control. There is extensive context-sensitive help available to assist the new user in rapid familiarity.

The basic system may also be expanded to interface to other standard equipment e.g. Velocity/Rate of Fire Computer type 814. When the 814 is connected, velocity and rate of fire data can be displayed, stored and printed alongside the manually entered co-ordinate data.

SPECIFICATION

Power Supply	Dimensions	Weight	Environmental	
			Humidity	Operating Temperature
90v - 260V AC $\pm 10\%$ 50/60Hz	1.2m x 0.8m for A2 size	10 Kg	95% non- condensing	0°C to +45°C