

## **INTRODUCTION TO THE MARK 66E-MANUAL SYSTEM**

The Metallisation GAS66E-M pistol offers the benefits of a Metallisation Flamespray Pistol with an electric drive motor. This allows for the integration of the pistol into an auxiliary control system to operate the pistol drive. It also allows the monitoring of the wire feed through the spray pistol.

## **SPECIFICATION**

The Metallisation Mark 66E-MANUAL System comprises of a manually lit Flamespray pistol with an auxiliary motor controller. This motor controller can be operated in two ways, either manually from the controller itself, or remotely from an auxiliary control system.



**GAS66E-SC**

The motor controller GAS66E-SC has been designed to provide a reliable, consistent and repeatable wire feed for the GAS66E-M pistol.

The pistol contains a well proven robust drive train powered by a powerful dc servomotor with tacho-generator. The drive is capable of feeding wires with diameters ranging from 1mm to 5mm without changing gearbox parts. Systems can be set up for wire speeds ranging from 0.25 to 6m/min.

All Mark 66E Nozzles are designed to ensure true axial alignment of the component parts, all mating faces being provided with axially compressed dry 'O' ring seals for simple leak-proof assembly.

# Metallisation

Thermal spray equipment and consumables

The air and gases used are provided via the ARF (Air Regulator and Feeder) and gas flow meters. These offer a means of controlling and monitoring the flows to the pistol at all times.



**21222P ARF**



**21129 GAS FLOWMETERS**

## GAS66E-M PISTOL DIMENSIONS



Overall length	-	380mm
Overall width	-	130mm
Overall height	-	200mm
Weight (excl. hoses)	-	5 Kgs

## REQUIRED SUPPLIES (minimum values)

Single Phase Electricity	-	230V		10 amp
Compressed Air	-	35 cfm	@	75 psi
		1m <sup>3</sup> /min	@	5 bar
Oxygen	-	129 cfh	@	5 psi
		57 L/Min	@	4.55 bar
Acetylene	-	35 cfh	@	22 psi
		17 L/Min	@	1.5 bar