

# Metallisation Flamespray MK74

Thermal spray equipment and consumables



Weighing only 1.85kg (4Lb), the Metallisation MK74 powder spray pistol can be hand held or machine mounted to spray a wide range of powders. Its robust construction will ensure long periods of trouble-free operation. The MK74 is easy to ignite and has excellent flame stability, thanks to its nozzle system. A special air cap narrows the spray pattern to densify the coating which is particularly beneficial when spraying ceramics where very high deposit efficiencies can be achieved. The MK74 can spray ceramic coatings as well as self fluxing alloys and all other metallic powders.

- High deposit efficiency
- Dense coatings
- Quiet operation
- Sprays ceramics and metals
- Simple to use
- Suitable for spray/fuse coatings
- Powder vibrator option for poor flowing powders
- Optional remote powder feeder
- Can spray some plastics
- Economic coatings

### Typical Applications:

- Small engineering repairs
- Spray/fused coatings
- Shaft reclamation
- Self fluxing alloys for extreme wear applications
- Glass mould plungers
- Steel mill table rolls

Material	Reference	Throughput		Deposit Efficiency %
		kgs/hr	lbs/hr	
Grey Alumina	P205	1.3	2.9	83
Chrome Oxide	P225	0.5	1.1	48
Ni Fuse	P325	5.8	12.8	87
Ni Composite	P636	4.0	8.8	82
NiAlMo	P627	5.7	12.6	78
Low Carbon Steel	P850	5.6	12.3	68

All figures are approximate.

