

## Unidisc Mk2

### 1 Specification

The standard Unidisc Mk2 Order Code MS-508: is for making 3mm discs from samples 0.004 to 0.006 inches (0.10 to 0.15mm) thick i.e. the optimum for electro-polishing.

### 2 Replacement Punches and Dies for Standard 3mm Discs

Standard Punch: Code MS-508/2P      Standard Die: Code MS-508/2D

#### 2.1 Non-Standard Dies for 3mm Discs

If the thickness of the sample is outside the 0.004 to 0.006 inches (0.10 to 0.15mm) range the same punch is used but the die has to be changed because a different clearance between the punch and the die is required to make good flat discs without any flash around the edges.

Material thickness		Order Code
Inches	mm	
0.002 to 0.003	0.05 to 0.075	MS-508/1
0.008 to 0.010	0.2 to 0.25	MS-508/2

Discs can be made from materials up to and including 1mm thick stainless steel. To order non-standard 3mm dies quote: *the source material and thickness.*

#### Punches and Dies for Discs other than 3mm Diameter

Punch and die sets and/or individual punches and dies can be supplied for producing discs in the range 1 to 6mm in diameter. To obtain advice on the feasibility of your project quote: *the diameter of the disc required, the thickness and type of the source material.*

Code 508

Unidisc Mk2



Precision engineered press for TEM discs

Punches/dies changed easily

Punch and dies sets available for discs 1-6mm dia.

#### OPERATION

1. Position the sample over the hole in the die
2. Pull the handle downwards.
3. The platens close to clamp the strip, the punch pierces the strip.
4. The disc falls into the collection tray