



- Ideal for producing low volume parts from Polyurethanes or Silicone Rubbers
- Perfect for mimicking injection moulded parts at a fraction of the cost
- Only need a small number of plastic parts for production? - vacuum casting could be the ideal solution

Vacuum Casting

Polyurethane **vacuum casting resin** components produced from silicone mould tooling is an economical way of producing production like parts for exhibitions, market research, batch prototyping, or in some instances, low-volume production (we regularly supply batches of 50 and 100 parts to customers).

CRDM currently has the largest PU **vacuum casting** capacity available in the UK, the **MCP 006** syst

em. CRDM now offer a large PU moulding capability up to

2000mm x 1000mm x 700mm

(maximum tool size). This means our customers now have an alternative to RIM for larger PU mouldings with the added advantages of

vacuum casting

CRDM has an extensive range of **Vacuum Casting Resins** designed to emulate most thermoplastics in look, feel, colour and physical properties such as high heat resistance, flame retardant and UV stability. This range allows us to closely match to your production intent materials.

The **Vacuum Casting** system is perfect for projects requiring 1-300 parts where budgets are tight and lead times short. First off components are produced in 8-10 days with no post finishing required, although they can easily be painted to match existing parts or for more complex visual finishes. Your specified surface finish and component colour are repeated with each tool operation.

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Current Systems Available:-

MCP 001 – (Small Components)

MCP 004 – (Small to Medium Components)

MCP 006 – (Medium to Large components up to 2000mm x 1000mm x 700mm max tool size)

- 10-20 components per single imp tool (we guarantee 10 parts, higher numbers are dependant on material and geometry)

- Multi-cavity tooling for cost effective batch production

- 8-10 Day Delivery for first off parts

- Surface finish matched to VDI, Moldtech or supplied sample
- Colour matched to RAL, Pantone, NCS or supplied sample
- Over moulding and insert moulding
- RF shielding and electroplating of components
- Tape free split lines for intricate components
- Maximum tool size 2000mm x 1000mm x 700mm
- Product assembly

[Find out more about Vacuum Casting and Vacuum Casting Resins](#)