RAPITYPES

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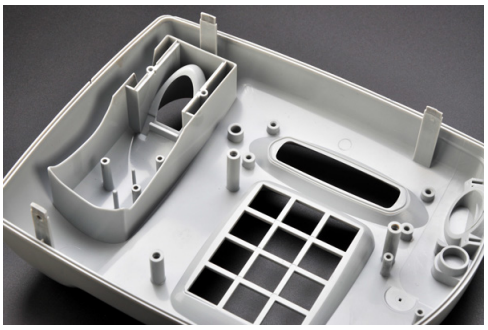
PROTOTYPE & LOW VOLUME MANUFACTURE

Fast-track for thermoplastic 'Proto-duction™' components.



Rapitypes is pleased to announce the launch of its innovative 'no frills' injection mould tooling system Rapitool™, which has been specifically designed for the production of fast turnaround, affordable plastic injection mouldings, for prototyping, pre-production and low-volume production.

Rapitypes has manufactured injection mould tooling and supplied plastic parts for over 35 years to a broad range of industries including, Automotive, Medical, Scientific, Defence, Industrial and Consumer Products. The Rapitool™ system is the product of the accumulated knowledge and experience of its dedicated designers and skilled toolmakers.

In the 1990's Rapitypes pioneered the first cast resin EP250 rapid injection mould tooling system, after becoming aware of the frustrations their clients were experiencing with the traditional manufacturing processes, especially the protracted lead times on prototype tools. Their clients' desire to get parts turned around quickly for critical evaluation before committing to production tooling, remained largely unfulfilled.

The Rapitypes EP250 based system was marketed for many year s and served a multitude of clients with parts in days rather than weeks - In one famous case a large automotive company was able to trial a new two part electric steering pump housing, just 9 days after the final CAD was signed off.

The new Rapitool™ system continues this tradition but is now largely based on established injection mould tool making techniques including high speed CNC machining and EDM operations, however the innovation lies is in the reduction of certain complex, yet standard operations which results in much improved lead-times a nd reduced costs. And because the cavities and cores are largely conventional, the resultant parts are fully representative, of those that would subsequently be reproduced by way of orthodox production tooling.

The versatility of the Rapitool™ system allows for a choice of single or multi-cavity tooling, and shot weights from just a few grams. It also provides for the addition of heating and cooling, hand-released or automatic side movements or cores, the application of accepted production finishes and the accommodation of twin-shot moulding or over-moulding of metal componentry.

Rapitool™ tools can be specified in a choice of aluminium or P20 steel, and are suitable for most applications and polymers. Rapitypes can also accommodate customer's own materials, or source special materials on their behalf.

Complimentary support services:
CAD Engineering
Rapid Prototyping
Painting and Finishing
Tampo & Silk Screen Printing
Sheet Metal Fabrication
Assembly

www.rapitypes.com

Rapitool™