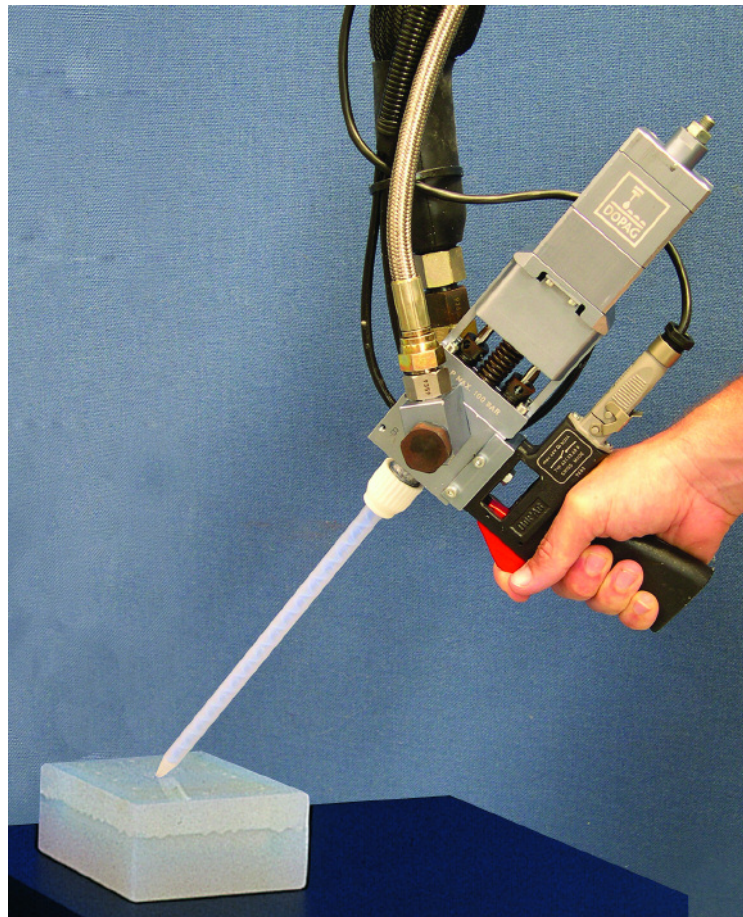




Resin Dispensing for Moulding and Rapid Prototyping



Hilger u. Kern/Dopag **Metering Technology**

Dispensing two component resins in the moulding and rapid prototyping industry

DOPAG offers quality solutions for both mould construction and RIM dispensing, to accurately meter, mix and dispense the resin systems used in the rapid prototyping industry.

DOPAG ELDO-MIX

There is a choice of models in the versatile ELDO-MIX range of precision gear pump driven machines, differing in volumetric output and the degree of control and monitoring required for a particular application.

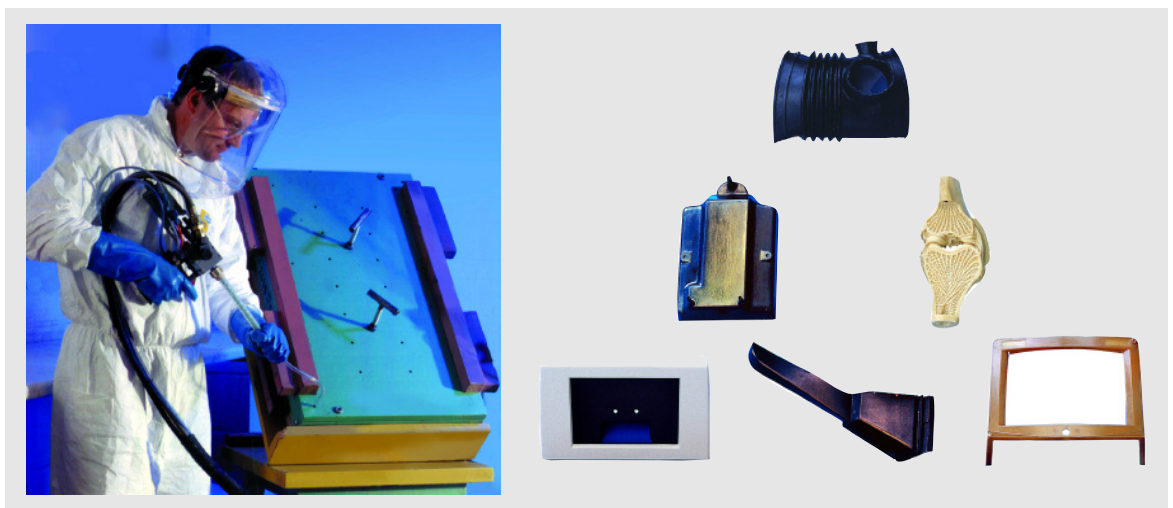
In each case, the gear pumps are driven by frequency regulated geared motors that operate completely separately from each other. The speed of the motors is pre-set and the mix ratio and flow rate can simply and easily be selected as required.



DOPAG ECONO-MIX

A piston pump driven metering and mixing system that is characterised by economy in use, simple handling and ease of maintenance.

This machine is particularly suitable for processing materials of higher viscosity such as the silicones used in the manufacture of rapid prototyping moulds as well as for RIM dispensing.



ELDO-MIX 001

The ELDO-MIX 001 is the entry level machine in the DOPAG gear pump driven metering and mixing system range.

Developed specifically to satisfy the needs of those who wish to dispense low viscosity two component media with a mix ratio of between 1:1 and 4:1, this gravity fed compact and easily transportable machine is ideal for applications such as rapid prototyping, that do not require especially high production rates.

Able to process up to 0.5 litres of mixed material per minute, the ELDO-MIX 001 may be the smallest machine in the range, but DOPAG quality still comes as standard.



ELDO-MIX 001



ELDO-MIX 101

ELDO-MIX 101

The ELDO-MIX 101 will take care of those applications where a higher production rate is required, having a maximum output of mixed material of 1.2 litres per minute.

On-board pressure feed containers ensure positive priming of more viscous media, whilst the mix ratio can be changed simply and quickly within the range of 1:1 and 10:1, depending on the materials used.

ECONO-MIX C

The ECONO-MIX C is a metering and mixing machine that features twin pneumatically driven variable ratio piston pumps that will handle low to medium viscosity media with ease, allowing it to process media for mould construction or RIM dispensing.

This machine will dispense up to 1.7 litres per minute of mixed material continuously, at mix ratios of between 1:1 and 10:1.



ECONO-MIX Compact

The Hilger u. Kern / Dopag group is one of the leading manufacturers of machines for metering and mixing systems in the world for plural component polymers and single component media such as greases, oils and pastes. For almost 30 years the group has developed machines, systems and components to suit your individual needs.

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