

## Serious about injection moulding

*We take an idea and make it work*

Some examples of work that White Horse Plastics delivers to its broad spectrum of customers



### Fans

- Insert moulded polypropylene cooling fan for 1970's MG, still moulded at WHP and supplied for after market spares.
- Carbon Fibre filled LCP brake duct cooling fan developed for leading Formula One team.



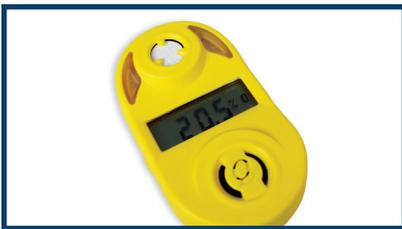
### Medical luers

Intravenous medical luer components, moulded in polycarbonate and ultrasonically assembled for customer within a class 10,000 environment.



### Overmoulded bearing

Molybdenum Disulphide filled Nylon 6.6 thin walled (0.6mm) bearing overmoulded within a steel cage. A particularly challenging development from a single cavity process to a 4 impression fully automated cell, whilst encompassing extremely accurate insert shuts and precise process requirements.



### Gas detection device

A personal monitor for continuous monitoring of oxygen concentrations in the surrounding air. Outer case produced in PA/ABS, belt clip in POM and LCD lens in polycarbonate.



### Inhaler training devices

Flow-rate dependent audible training devices targeted at improving inhalation technique, guiding patients to inhale at the correct/optimum flow rate for the inhaler being used.



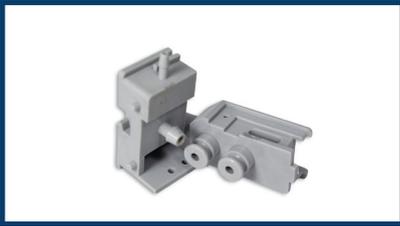
### Overmoulded Housings

Window regulator drum housings moulded in 33% Glass Filled PA 6.6 with 6 x M6 threaded inserts overmoulded incorporating 100% camera check within the process.



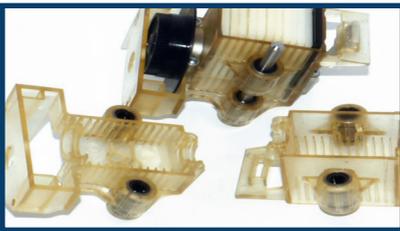
### Scraper tool

Stainless steel scraper handles, inner moulding produced in 40% Glass filled polypropylene then outer over-moulded in soft touch TPE.



### Medical plug/socket

Medical vacuum socket and connector plug for monitoring control device. Produced in POM with critical seals and shuts.



### Peristaltic pump head

Peristaltic pump head sub assembly, where the casings were moulded in PES for dimensional stability and the sliders in a PTFE lubricated POM to ensure long term smooth operation.



### Surgical cauterising scalpel

Outer casings for surgical cauterising scalpel moulded in polypropylene, with ultra-sonically welded assembly. Mould tool developed, designed and manufactured in-house.



### Central Heating Fan

UL rated V-0 (flame retardant/self extinguishing) Polyethersulphone moulded cooling fan for gas central heating boiler.



### Whistles

ABS moulded whistles used in an inhaler training device with 0.28mm reed thickness, developed and controlled to sound when a pre-determined air flow is achieved.



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