

SOLUTIONS TO STATIC PROBLEMS

PLASTICS

INJECTION MOULDING OF OPTICAL, MEDICAL OR TECHNICAL PARTS



Model 1250-S Static Eliminator Bar

Where the nature of a mouldings intricacy or final required quality dictates that it should be kept contamination free during its manufacture, manual handling is often replaced by robotic manipulation.

After the robot picks the component from the injection mould tool it is typically placed upon a transport conveyor that takes the part either onto a process line or a collation point.

Whilst the component cools it will likely electrostatically charge causing unwanted contaminant attraction.

Enclosing the conveyor and positively pressurising the tunnel with laminar flow air from FFU's will keep out unwanted particles away from the components during cooling and transportation along the conveyor.

However whilst exposed to the airflows within the tunnels charging may occur and both at the entry and exit points of the tunnel the components could be exposed to contamination attraction - by fitting 1250S ionising bars across both gates of the tunnel the exiting airflow becomes ionised preventing component charging and contaminant attraction.

Installing 1250-S Static Eliminator Bars above both the entry and exit gates of the tunnel ionises all the escaping airflow.

