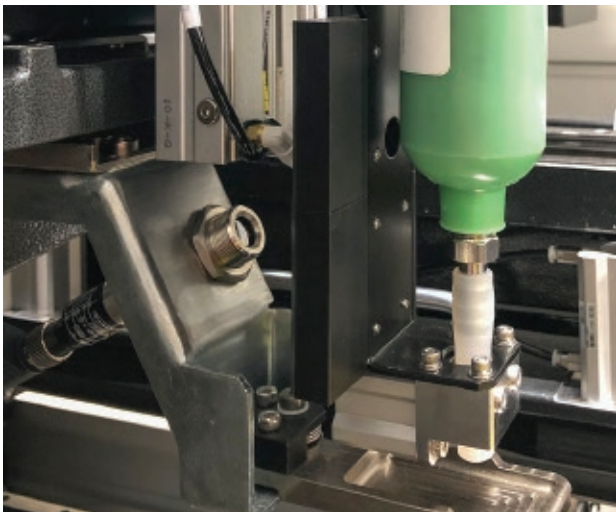


## Paste Management and Control

MPM's new paste management system provides innovative tools to improve yield and enable Industry 4.0 traceability. The system includes an industry-first paste temperature monitor, measured for proper paste viscosity and a roll height monitor that now measures both upper and lower limits.



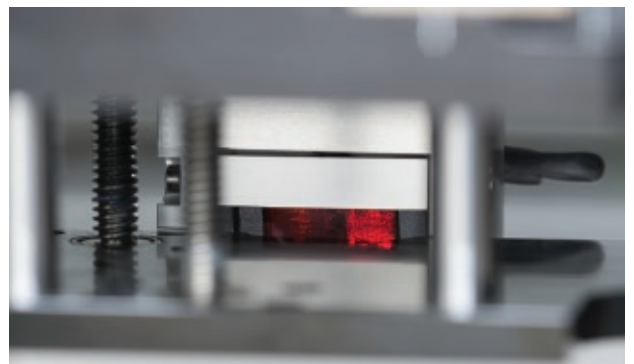
Ensures paste is at optimal temperature for best printing results

### Paste Temperature Monitor

MPM's patent-pending paste temperature monitor is a non-contact solution that measures both the actual paste temperature in the cartridge and/or on the paste bead on the stencil surface during production. Advanced sensors can read the temperature of the paste cartridge when the automatic paste dispenser is used to ensure the material is at the correct temperature before it is dispensed. A separate sensor can then be employed to measure the temperature of the working paste bead on the stencil surface.

### Paste Height Monitor

The paste height monitor is a non-contact solution that enables the user to monitor the paste roll diameter during a print stroke. It is designed with upper and lower limit roll-height monitoring. The Paste Height Monitor combines advanced software and sensor technology to accurately monitor the paste bead for volume consistency. When used with the automatic paste dispenser the system will automatically control paste volume on the stencil.



Prevents defects caused by insufficient or excess paste volumes on the stencil

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