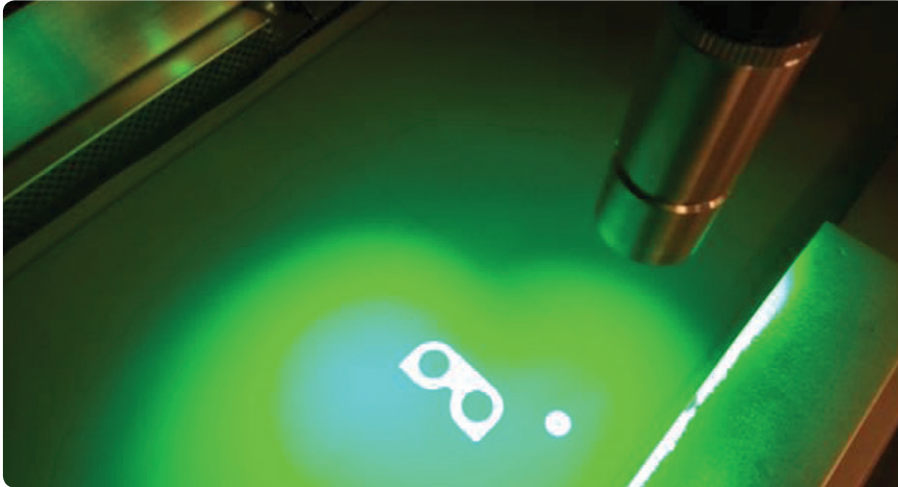




# PrintRite3D®

Process Control and Quality Assurance Software for Additive Manufacturing



An integrated, interactive system that combines inspection, feedback, data collection and critical analysis.

- ▶ The system pairs **PrintRite3D® SENSORPAK™** multi-sensors and hardware with **PrintRite3D® INSPECT™**, **PrintRite3D® CONTOUR™** and **PrintRite3D® ANALYTICS™** software modules for comprehensive management of AM processes.

## PrintRite3D® Sensors & Hardware

# SENSORPAK™

Multi-sensors and affiliated hardware to collect real-time data on AM processes

- ▶ Comprises a set of off-axis and on-axis in-process sensors.
- ▶ When coupled with **PrintRite3D® INSPECT™** or **PrintRite3D® CONTOUR™** modules, enables part quality assessment during manufacturing.
- ▶ Capable of measuring the true in-process state variables associated with an additive manufacturing process.

## FEATURES

- Third party independent QA
- Platform independent
- Stand-alone or embedded installations
- In-process layer by layer

## BENEFITS

- Provides objective evidence of compliance to design intent
- One system plant-wide
- Production optimization
- Early defect detection
- Scrap reduction and increased yield



## FEATURES

- Commercially off-the-shelf thermal, optical and spectral sensors



SIGMA LABS

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