

# New generation sensors for thermal spray diagnostics



SprayWatch 4 class sensors provide real-time measurement of spray properties:

Particles:

- temperature
  - velocity
  - density
- with spatial distributions

Spray plume:

- position
- width
- direction
- cone angle

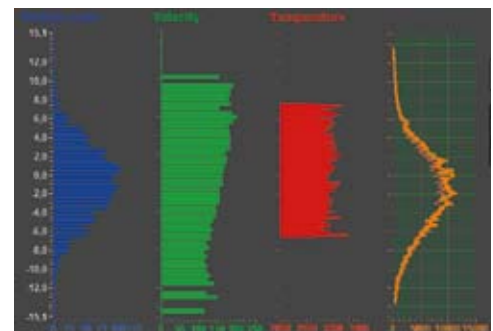
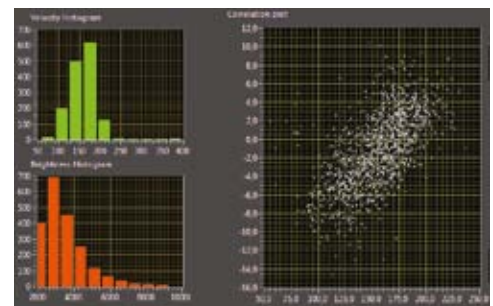
For Plasma, HVOF, HVOF, Wire-arc, Detonation and Flame spray processes

**SprayWatch 4**

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# SprayWatch 4

The 4th generation of SprayWatch thermal spray sensors are easy to deploy in your spray booth. The new devices use a higher sensitivity CCD camera and a novel pyrometric filter design, improving the system performance specially in high spray density and low temperature environments. Revised software enhances the repeatability and accuracy of the measurement. Standard camera interface allows operation also with user supplied computer systems.



## Options:

Ultra high sensitivity optics (for HVOF processes)

Fixed optical setup (for lower cost single application diagnostics)



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