



Get the Accuraspray 4.0 advantage:

# Be consistent every run

Ensure consistent coatings by continuously monitoring the properties of the sprayed material, either in manual or automatic mode. Now your operators can react and readjust before the process falls out of its green window and significantly improve your process C<sub>pks</sub> & P<sub>pks</sub>.







## Spray more efficiently

With the *Accuraspray 4.0* you can control your deposit efficiency (DE), minimize the test coupons, replace spray hardware (electrodes, nozzles) on a needs-only basis and qualify new lots of feedstock.







### Go for the universal solution

Our NIST traceable *Accuraspray 4.0* sensor head can characterize all thermal spray processes, including suspensions.

Wire-Arc Spray Flame Spray Air Plasma Spray (APS)

High Velocity Oxy-Fuel Spray (HVOF)

High Velocity Air-Fuel Spray (HVAF)

Suspension Plasma Spray (SPS)

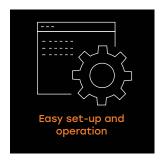
# Monitoranywhere, any time

The Tecnar Accuraspray 4.0 features a modern, web-based user interface and full SQL query capabilities. Advanced reporting features make it easy to monitor spray booth productivity and consistency from anywhere at any time.



# Install and set-up yourself

We deliver the unit with detailed documentation for installation and set-up, plus a free remote training session. When it arrives, you'll be fully capable of installing and using the equipment.





# **Technical specifications**

Measurement ranges	easurement	rana	es
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1000°C and higher at 3% accuracy 1832°F and higher at 3% accuracy
5 - 1200 m/s at 2% accuracy 16.3 - 3900 ft/s at 2% accuracy
2% accuracy
0.1 mm accuracy 0.004 in. accuracy
400 mm 15.7 in.
3 mm x 25 mm x 10 mm = 750 mm <sup>3</sup> 0.12 in. x 0.98 in. x 0.39 in. = 0.046 in <sup>3</sup>
From -18 to 538°C From 0 to 1000°F
120 - 240 VAC, 50-60 Hz 5A
1.35 to 2 bar (20-30 psi) of clean dry compressed air
190 mm X 110 mm X 62 mm
7.5 in. X 4.3 in. X 2.5 in.
230 mm X 230 mm X 100 mm 9 in. X 9 in. X 3.9 in.



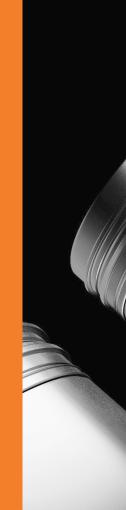


# Keep your process within its window of tolerance



Become expert at trending your process

# earlier insight changes everything





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Learn more about the Accuraspray 4.0

### References

Chromalloy
General Electric
GKN Aerospace
Mitsubishi Heavy
Industries
Oerlikon Metco
Pratt & Whitney
Progressive Surface
Rolls-Royce
Siemens



"Thanks to the Accuraspray, we have been able to achieve process Ppks over 1.5— even for very challenging coatings, such as thick, porous TBCs sprayed using new advanced gun concepts. The Accuraspray has also proven invaluable for process parameter development, for establishing tolerance windows, for troubleshooting and, finally, as a go/no go instrument."

The Thermal Spray Team GKN Aerospace Sweden