

**2020**

**Erosion Testing to E50TF121**



A complete system according to the requirements of E50TF121 with the addition of a cleaning system which blows all the extra powder from inside the crevices of the cabinet. The set-up can be placed in a laboratory atmosphere; the dust collector exhausts clean air into the lab environment.

The initial run cycle is controlled by the operator when the powder in the funnel has been consumed; once complete, the cycle is automated for blow-off time, dust collector run time, and shaking of the dust collector system as necessary. The system is designed to ensure the dust collector is on and functioning correctly before any erosion testing can be started. Run pressure is monitored on the easy to read gage located just before the gun entry point.

Any optional "digital" flow meter can be added which can record the absolute flow throughout the test to monitor any air supply fluctuations. Varied nozzle lengths are also available which allows for variability in the erosive nature of the testing if desired

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**Full System Control**



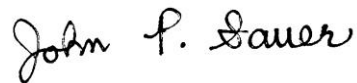
**Ease of Monitoring Erosion Powder Consumption**

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Sauer Engineering can provide your needs for erosion testing equipment from a full system to spare nozzles and guns along with the "extended" air jets which can increase your testing parameter envelope.

We look forward to your inquiries and the opportunity to meet your erosion testing needs.

Sincerely,

A handwritten signature in black ink that reads "John P. Sauer".

John P. Sauer P.E.  
President

