# Technical Specification for Air Jet Erosion Tester

The air jet erosion tester will evaluate the erosion resistance of a variety of materials including ceramics, metals, polymers, coatings and composites conforming to ASTM G 76 specifications.

## Product Application

- **Sample Temperature range**: RT – 400 deg C
- **Angle of inclination of sample during testing w.r.t the jet of erodent particles**: 5 to 90 deg
- **Air pressure**: Upto 6 bar
- **Air velocity**: Upto 100 m/s
- **Air flow rate**: Upto 100 lpm
- **Particle velocity**: Upto 30 m/s
- **Particle feed rate**: 2 to 10 g/min
- **Specimen size**: To be mentioned – Approx. 75mmx25mmx6mm preferable
- **X, Y and Z adjustment and tilting**: To be provided
- **Collection of Erodent after testing in removable enclosure**: To be provided
- **Sound and dust proof enclosure**: To be provided
- **Nozzles**: 3 mm and 5 mm diameter to be provided
- **Additional features**: Air drier and Air filter must be embedded in the system

For any Technical Clarifications please contact:
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