

"WAND" DIRECT SPARK ELECTRODES ESA-WAND SERIES

FEATURES

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|--------------------------|----------------|
| • Outer tubing: | AISI 304 |
| • Ceramic insulator: | alumina |
| • Rod: | Piromax |
| • Sealant: | silicon paste |
| • Length ("B"): | max 1200 mm |
| • H.T. cable connection: | raial terminal |
| • Threading: | 1/4" |
| • Voltage: | 5 ÷ 9000 V |



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APPLICATIONS

- Radiant tube burners.
- Metallic burners.
- Applications where electrode length adjustment is needed.
- Burners where discharge point is far from external connections.

DESCRIPTION

"Wands" are direct spark ignition devices combining central spark rod, insulator and ground wire into a single, small diameter device. Ignition occurs between a central rod and the outer tubing; insulation between the electrode and the outer tubing is done through a one-piece ceramic insulator in alumina fixed to the outer tubing with a

special heat resistant silicone paste. This allows for a very small-sized electrode.

"Wands" may be used for detection, too. Connection to burner is through threaded connection in the desired position for compression of a threaded locking ring.



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DIMENSIONS

