



## ExoCAL Calorimeters - Consumables

### Ignition wire EX - 0.12 mm

Performance ignition wires for ignitable energetic materials

#### Application

Proper ignition of energetic materials is essential for every calorific measurement. DELTIMA Precision provides wires with the best compatibility with ExoCAL series ignition power supplies. System was developed with respect to desired high temperature and efficient heat transfer into the sample.

#### Principle

Electrical current in the wire cause its heating and the heat is transferred into the sample which is ignited. Current value depends on wire resistance and applied voltage. ExoCAL series power supplies use programmable constant current power supplies with defined heating rate to avoid of shock in wire non-homogeneity. Exact value of current always depends on surrounding atmosphere (vacuum or pressurized inert gas) and is properly adjusted.

#### Compliance

Internal requirements on ExoCAL series consumables.

#### Specifications

Packing	metal thread
Test performance per thread	1000 - 1500
Wire diameter	0.12 mm
Total Weight	12 g
Order No.	3291-02

#### Related products

Ignition wires are consumable material for calorific testing performed on testing devices of DELTIMA Precision Ltd.

Check ExoCAL series calorimeters for more details.

Do not hesitate to contact DELTIMA Precision for details please.



Energetic Materials  
Stability & Compatibility  
Heating Blocks



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