



K-TIG 1000 Precision Wire Guide

Precision wire delivery for all automated GTAW and KTIG welding applications




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The toughest, most accurate wire guide my team has ever used. 100% repeatable wire delivery.

Gary Lantzke, CEO Callidus

PRECISION ENGINEERED BY
 **K-TIG**

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Positioning Movement

270 degrees of axial positioning movement allows for an unlimited range of wire feed configurations, even where the available horizontal and vertical space around the torch is extremely limited.

Built Tough

Black anodized aluminium body machined from a single billet of 6061-T6 aircraft-grade aluminium for extreme durability and long life in the harshest production environments. Ergonomic adjustment screws, machined from 316 stainless steel ensure fine adjustment even with gloved hands.

PRECISION WIRE DELIVERY

Precision mechanism for both horizontal and vertical adjustment of the wire feed into the weld pool - even while welding. The self-locking, self-centering adjustment mechanism moves independently of the body, allowing rapid, real-time weld optimisation during procedure development and repeatable and consistent wire delivery in production. No unintended movement. No need to release, lock or unlock. No wire movement between the wire guide tip and the weld pool.

Delivery Tube Tolerance

Copper delivery tube with perfectly straight interior chamber machined smooth to within 50 microns to ensure precise, uninterrupted wire delivery, even in continuous-use titanium and other soft-metal applications.

Wire Delivery Tip Tolerance

Replaceable wire delivery tips, precision-machined to a tolerance of 0.050 mm allow a full spectrum of wire thicknesses to be accommodated from 0.9 mm to 1.6 mm without lateral movement of the wire within the tip, greatly increasing the accuracy of wire placement and reducing the potential for wire curvature.

Wire Diameters

Suitable for all wire diameters from 0.035 inch (0.9mm) to 0.0625 inch (1.6mm).

ORDER

www.k-tig.com/welding-wireguide