

UltraClean THGA Graphite Tubes

For the lowest possible detection limits, residual contaminant levels may not be low enough to meet your requirements. For the most demanding analyses, PerkinElmer offers UltraClean THGA graphite tubes – delivering exceptionally low levels of contamination due to advanced high-temperature gas-phase cleaning procedures. UltraClean graphite tubes offer unmatched analytical advantages for special applications such as the determination of extremely low traces of Na, Ca, Fe, Cr and Ni in ultra-clean reagents used in the semiconductor industry, and ultra-trace analyses of environmental, clinical, or food samples.



Features and Benefits

- UltraClean THGA graphite tubes have the lowest possible contamination levels due to extensive high-temperature gas-phase cleaning procedures
- UltraClean THGA graphite tubes are tested and specified for blank levels of Cr, Ni, V, Mo, Ti (<0.003 integrated absorbance units) and Na, Fe, Al, Si, Ca (<0.0005 integrated absorbance units)

Description	Part No.
5-Pack	B3140361
20-Pack	B3140362



THGA Instrument Mirror

Used to optimize drying temperatures and times.



Description	Part No.
THGA Instrument Mirror	B0851900

THGA Contact Cylinders

These graphite contact cylinders are engineered for a precise fit so that variations in electrical contact – which might affect the analytical performance – are reduced to a minimum. Contact cylinders with a modified injection port area help to minimize condensation and improve analytical performance with difficult matrices.



Standard THGA Graphite Contact Cylinders

Description	Part No.
1 Pair	B0504035
5 Pairs	B0504036

Modified THGA Contact Cylinders

Description	Part No.
1 Pair	B3002103
5 Pairs	B3002102

Accessories and Spare Parts

Description	Part No.
O-Ring (behind Contact Cylinder, front and back)	B0500748
Contact Cylinder Removal Tools	B3120405
THGA Filter Cartridge AA600 Fume Extractor Qty. 50	B0509065
Spare Graphite Tip for Fume Extraction System	B0506722
Pliers	09907925
THGA Quartz Window	B0198005
THGA Quartz Window O-Ring	B0501236



Matrix Modifiers for Graphite Furnace AA



PerkinElmer provides you with the maximum performance and the lowest possible detection limits with our high-quality matrix modifiers. PerkinElmer matrix modifiers thermally stabilize the analyte, allowing higher pyrolysis temperatures to be used, reducing background absorption, and eliminating potential interferences.

Features and Benefits

- High-purity compounds minimize the risk of contamination
- Optimum graphite furnace program can be used due to reduced analyte volatility

Matrix Modifiers

Modifiers	Concentration	Volume	Part No.
Mg(NO ₃) ₂	1% Mg (as nitrate)	100 mL	B0190634
Pd	1% Pd (as nitrate)	50 mL	B0190635
NH ₄ H ₂ PO ₄	10% NH ₄ H ₂ PO ₄	100 mL	N9303445