

DET

innovations in chemical detection

ATTENTION - users of the Agilent, Thermo, or SRI NPD

RECYCLE USED BEADS

Instead of disposing of depleted ion sources (i.e., beads) as common trash, send them back to DET for an **ENVIRONMENTAL FRIENDLY** salvage of component parts. The Twinex connector and Aluminum connector holder on all types of Agilent or DET ion sources can be re-used with otherwise all new parts. DET ion source assemblies made with these recycled parts have the same performance as a new ion source, and are less expensive (i.e., \$315 vs. \$350 for a new source, these prices effective Dec. 1, 2009).

Recycled ion source types available for N or P detection:

TID-2 (black ceramic) provides the sharpest P peaks;

TID-4 (white ceramic) provides best possible N response;

TID-6 (gray ceramic) for P selectivity with suppressed N.

Also available with new or recycled parts - for simple, inexpensive extended uses of NPD equipment:

TID-1 (very white ceramic) for selective detection of Nitro compounds, Oxygenates, and some Halogenates;

TID-3 (white ceramic) for selective detection of volatile Halogenates with sharp peaks;

TID-5 (black ceramic) for selective detection of Br and I with suppressed response to other Halogen atoms.

Contact DET for expert advice on using NP and other types of thermionic detection on various GC models.

 **CHROMtech** +61(0)3 9762 2034
ECH Environmental Chemistry Pty Ltd
AUSTRALIAN Distributors www.chromtech.net.au

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