



Front End Automation for LC and LC-MS Applications

The HTS PAL
Integrated versatility

Interfaces with
any major LC/LC-MS system

Precise sample handling

Syringe only concept.
Minimised dead volume
Large injection volume range

Unmatched sample capacity

Accommodates up to 24 deepwell or standard 96/384 microplates.

Sample trays for standard vials available

CTC Analytics has dedicated the last 10 years to the continued development and high reliability of advanced sample injection technology. To learn more about the unique LC injector HTS PAL or any of our GC/GCMS sample injection systems contact your CTC Analytics distributor.

Flexibility

Multiple injection valve operation.
Column switching
Sample derivatisation

Control

Through handheld control keypad or Windows 95/98/NT® remote control software.

Multi-user operation

Supports "walk up" LC-MS technology.

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...CTC ANALYTICS

Where design meets performance

COMBI PAL

Can your GC autosampler do this ?

The CombiPAL.

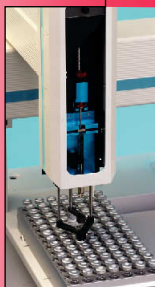
Static Headspace and
Liquid injections combined
in one single instrument

Syringe only concept
No sample loops
No transfer lines
No switching valves



Interfaces with any
major GC/GC-MS system

Switch from
Headspace to Liquid
injection mode by
fast and easy
syringe change



Top mounted,
saves laboratory
bench space

Stand alone operation
or Win 95/98/NT®
remote control software

Optimized for
high resolution GC
large volume injections
high sample throughput

Injects into different
injector types without
hardware modifications

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