

Sample Management

★★★★★ *Service for Your Samples*

Advanced Performance

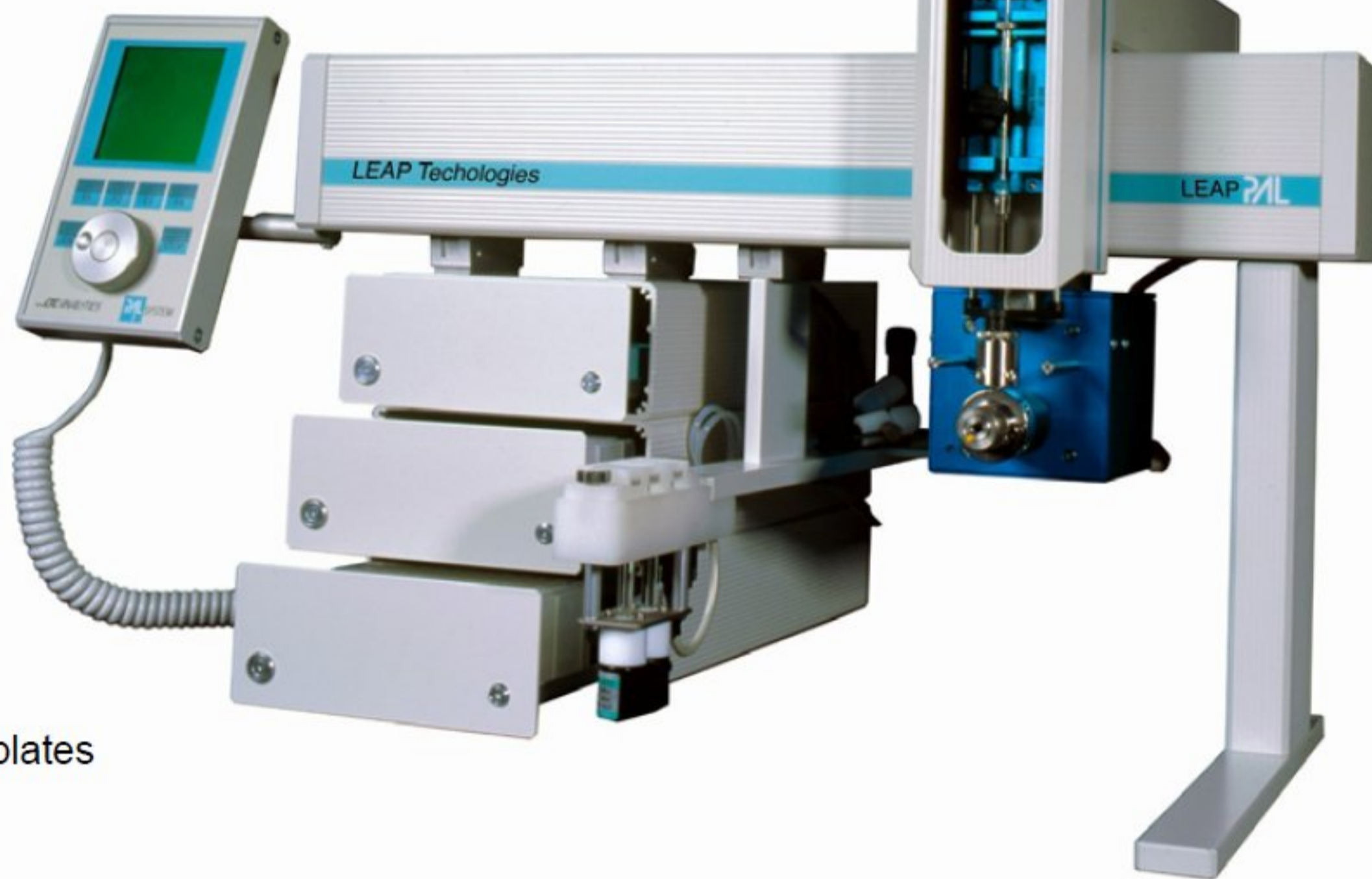
The PAL series of sample loaders provide outstanding performance and maximum flexibility for your NMR sample processing system. Sample capacity up to 24 microplates within 50cm of benchspace are unmatched in the industry. Temperature controlled storage makes it easy to cool down samples to prevent degradation or heat up samples for kinetic studies. CTC's PAL instrument design provides worry-free operation and low maintenance costs.

High Performance Features:

- Lowest Volume Pickup (< 1 μ L)
- Compatible with HTSL-1100
- 2 minute cycle time or less
- Sample makes contact with syringe and needle only; short flow path
- Sample is pushed into loop for quick loading
- Active Wash Station washes syringe and outside of needle.
- Lowest carryover possible.

Flexible Sample Storage

- 12 regular or 6 deep-well microtiter plates
- 1ml vials
- 2ml vials
- Or use your own format
- Heated or cooled (to 4 deg. C)



Read Bar Codes on Vials or Plates

- Automatic sample login from scripts

Reconstitute / Dilute Samples

- Automatic functions
- Reconstitute dried samples
- Dissolve samples in appropriate solvent
- Enables return of sample to vial

