

# RapidTrace<sup>®</sup> Workstation

## Advantages of RapidTrace Workstation Over 96 Well SPE

Features	RapidTrace	96 Well SPE
Throughput time for 96 Samples <sup>1</sup>	1-1.5 Hr	1-1.5Hr
Manual Intervention Required?	NO	YES
Sorbent Format	Cartridge	96 well plate
Reagent and Sample Displacement	Positive syringe	Vacuum
Control of all Flow Rates	YES	NO
Batch Size Requirement	NO	YES
Multiple Methods Within a Batch	YES	NO
Number of Methods Per Batch	1-100	1
Reagent Mixing for Method Development	YES	NO
Ability to Handle Urine	YES	YES
Ability to Handle Plasma/Serum	YES	YES
Ability to Handle Blood	YES	?
Designed Specifically for SPE	YES	NO
Waste Segregation <sup>3</sup>	YES	NO
Used In SPE Vendor Support Labs <sup>4</sup>	YES	NO
Number of CROs Utilizing <sup>5</sup>	12	?
Validation Protocols Included	YES	NO
Validation Services Available	YES	NO

1. Assumes 10 module RapidTrace workstation and disk sorbent. RapidTrace completes 100 samples. 96 Well SPE performed on Packard MultiProbe.
2. MultiProbe can run batch sizes less than 96 but unused wells must be covered and sorbent cost per sample increases. It is not clear how to utilize partial plates.
3. Three waste lines to segregate biohazard, organic, and aqueous; reducing waste disposal costs.
4. ANSYS Inc., 3M Empore, International Sorbent Technology (IST), Varian Sample Prep Products, and United Chemical Technologies (UCT) use RapidTrace in their customer support and development labs.
5. For a listing of RapidTrace CRO partners contact Lynn Jordan at Zymark at 508-435-9500 X2361. Contact Packard for their CRO references.