high-volume efficiency for enhanced laboratory workflow

Thermo Scientific CV2000
Automated Aliquoting System

Reduce personnel costs, cross contamination and errors
Increase consumables savings, safety in biohazard handling and quality control

For more information: visit www.thermoscientific.com/cv2000
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industry-leading automation

Contact a commercial team member to:
• schedule a demo
• request a demonstration video
• place an order

Related products:
• DOA kits & containers
• pipet tips, CV2000 consumables

Order information:
• contact your Account Representative or
call Customer Service at 1-800-772-8871

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Thermo Scientific CV2000 Automated Aliquoting System
• Proven liquid handling technology
• Prior model, the CV1000, successfully processed ~117 million specimens since 1998
• Fully-automated liquid aliquoting for high and varied sample volumes
• Single-operator use
• Automated system may significantly reduce labor costs associated with manual pour operation (4:1)
• No movement of open containers
• New height sensor technology
• Single side loading and unloading
• Easy-to-use, articulating touch screen monitor
Safety

- Compatibile with CV1000 consumables and racks
- Accepts Capitol Vial 45mL and 90mL urine vials and saliva specimen containers
- Aliquots sample volumes from 100μL to 875μL
- Accommodates multiple barcode symbologies

Flexibility

- Interfaces with existing Laboratory Information Systems (LIMS)
- Replicates CV1000 operator codes
- Minimal operator training

Simplified Integration

- Aliquots up to 1,000 samples per hour
- 3rd generation Tecan pipeting robot
- Discharges only used tips
- 1 gallon supply and 1 gallon liquid waste containment system

Proven Liquid Handling Technology

- Supports up to 320 samples with continuous operation
- Automatically opens custody-sealed containers
- Reliability and reproducibility with each sample
- Consistent data and automated tracking

Streamlined Laboratory Workflow

- Quality Assurance

- Up to four levels of quality control
- Barcode tracking links vials and tubes
- No cross contamination
- Emergency stop button and guards
- Safety interlocks on all moving parts
- Complies with all OSHA standards
Analizer Instrument Support
- Olympus AU5000/AU5200/AU800
- Roche Hitachi 747
- Siemens/Bayer Adva

Diagnostic Support
- Error tracking
- System alerts
- Internal record logs for improved chain of custody (CoC)

Bar Coding Support
- Code 128
- Code 39
- Interleaved 2 of 5
- Codabar

Support

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