

AUTOMATION FOR ANALYTICAL LABORATORIES

Thomas Cain 

ERICA

Automated Liquid Handling



ACCURATE • CONSISTENT • RELIABLE • SIMPLE

THOMASCAININC.COM

ERICA is an automated reagent delivery system.

ERICA precisley automates the handling of hazardous chemicals.

Benefits of Automation

- Simplify sample preparation process
- Labor savings: .5-4 hours per batch, depending on the method and/or number of samples
- Productivity increase
- Consistency
- Safety
- Automatic log for auditors



Specifications

Capacity	Unique per System request
Number of Reagents	Up to 8
Number of Standards	Up to 6

Reagents Dispensing

Range	> 0.5 ml
Accuracy	<0.025 ml or 1%
Precision (n=20)	< 0.035 ml or 1%

Computer Requirements

- Windows XP / Vista
- 1.8 GHz Processor Speed
- 128 MB Memory
- 20 GB Hard Drive
- 1 USB Port or 1 COM Port

Applications

- Cyanide dispensing for leachability tests
- Prepare samples to be used on microwave digestion system
- Bottle filling
- Pre-preserved sample containers
- Replace bottle top and electronic dispensers
- Automate manual reagent additions

Options

- Shaker (agitation)
- 4 or 8 reagents
- Fume hood for bench top operation
- Custom rack configuration

Thomas Cain, Inc.

4322 S. 50th St. Omaha, NE 68117

Office (402) 614-6585 Fax: (866) 305-2704

Visit ThomasCainInc.com for more information regarding ERICA