

Packaging - Processing  
**Bid on Equipment**  
1-847-683-7720  
www.bid-on-equipment.com

**SURE TORQUE, INC.**



*"An Ergonomically Responsible Company"*



### ST94 ELECTRONIC TORQUE TESTER

On the industry, government, and consumer levels, there has been an increased focus on cap torque testing. This is in response to concerns regarding safety, liability, ergonomic issues such as Carpal Tunnel Syndrome, as well as product integrity and shelf life. Sure Torque has developed the ST94 Cap Torque Tester to address these concerns.

The Model ST94's operation is as simple as placing the container on a platform and pushing a button. The machine will automatically clamp the container, lift it to the test cap, run the designated test, display the results, and finally transfer those results to your computer database.

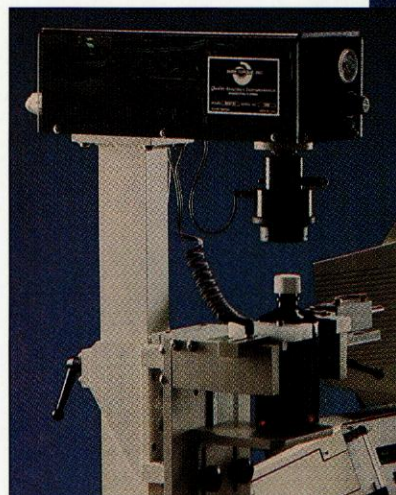
Using the Sure Torque ST94 Cap Torque Tester increases your productivity and accuracy, and greatly diminishes the risk of ergonomic injury.

### FEATURES

- ✓ No Repetitive Action
- ✓ No Human Intervention
- ✓ No Manual Container Clamping
- ✓ No Manual Cap Remover
- ✓ No Handwritten Results
- ✓ Decreased Risk of Ergonomic Injury
- ✓ Improved Accuracy

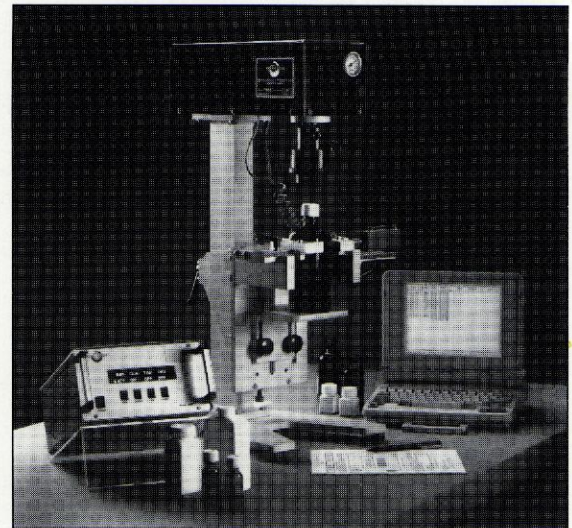
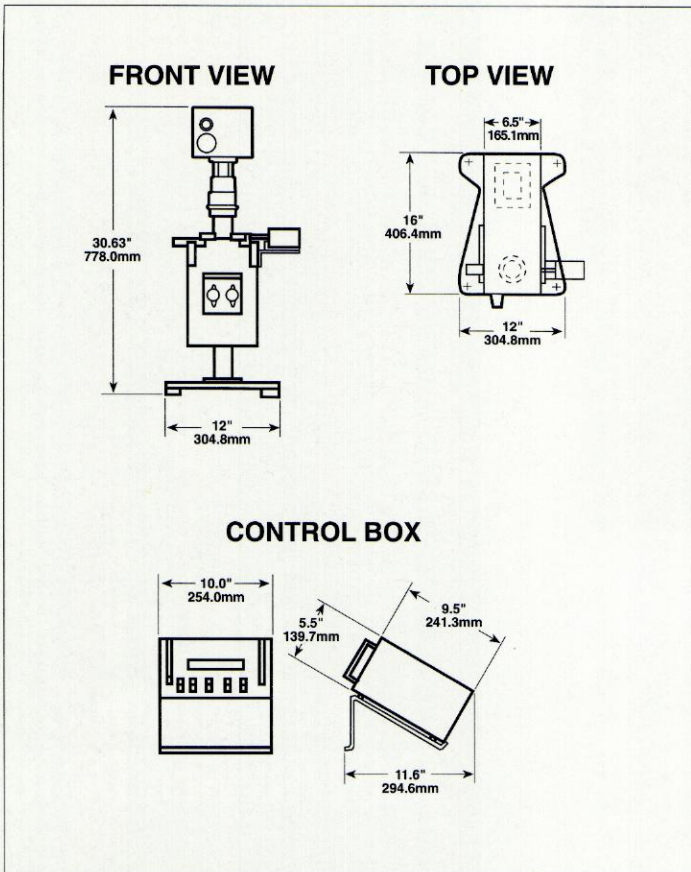
### BENEFITS

- Fully Automatic Testing
- Highly Accurate Transducer Technology
- Direct Computer Interface (RS-232)
- Ergonomically-Designed Configurations
- User -Friendly Design
- Wide Range of Test Features Available
- Heavy Duty "Production" Design Components
- Accuracy of 0.2 in-lbs Over Scale
- Fully Automatic Calibration
- 0-100 in-lb Range Standard
- Digital Display-Peak and Hold



**QUALITY  
ASSURANCE  
INSTRUMENTATION**

**ERGONOMICALLY  
SAFE  
ST94  
TORQUE TESTER**



**Sure Torque ST94 Torque Tester**

**Specifications**

Measurement torque range:	0-100 in-lbs. (11.3Nm)
Temperature range:	60-160F (0-50C)
Nominal sensitivity:	2m V/V
Measurement resolution:	0.1 in-lbs.
Accuracy (full scale):	0.2 in-lbs.
Transducer:	350 ohm strain gauge
Max load, safe (%):	150%
Calibration:	fully automatic performed at each measurement
Display:	2/20 character message center
Control:	4 multifunction push-buttons
Power:	110-220V AC, 47-63 Hz, max. 35VA
Air:	min. 80 psi

**Available Options**

- Output RS-232
- Real Time Clock
- Newton-Meters
- IBM Compatible Software Package for Data Acquisition
- Nema 4-12 Housing
- ASTM \*\*\*\* Verification Kit
- 360 Degree Rotation
- Counter Balance System for Height Adjustment
- Manual and/or In-Line Units
- Automatic Test Cycle Counting
- Fatigue Test Mode
- Top Load Feature
- Cap Decay Time Mode
- Release with Dual Peak Readings

\* National Institute of Standards & Technology  
\*\* Statistical Process Control  
\*\*\* American Society for Testing & Materials

**Features**

- Completely Automatic - NO HUMAN INTERVENTION
- Accurate Determination of Actual Cap Removal or Applied Torque
- Manual or Automatic Model
- Digital Display of Test Results - PEAK & HOLD
- Fast-Easy Changeovers
- All Solid State Electronics
- Self Calibration
- NIST\* (formerly NBS) Traceable
- No Tools



**"An Ergonomically Responsible Company"**

**SURE TORQUE, INC.**  
6204 29th Street East  
Bradenton, Florida 34203  
Telephone: 941/753-1095  
Telefax: 941/756-8425