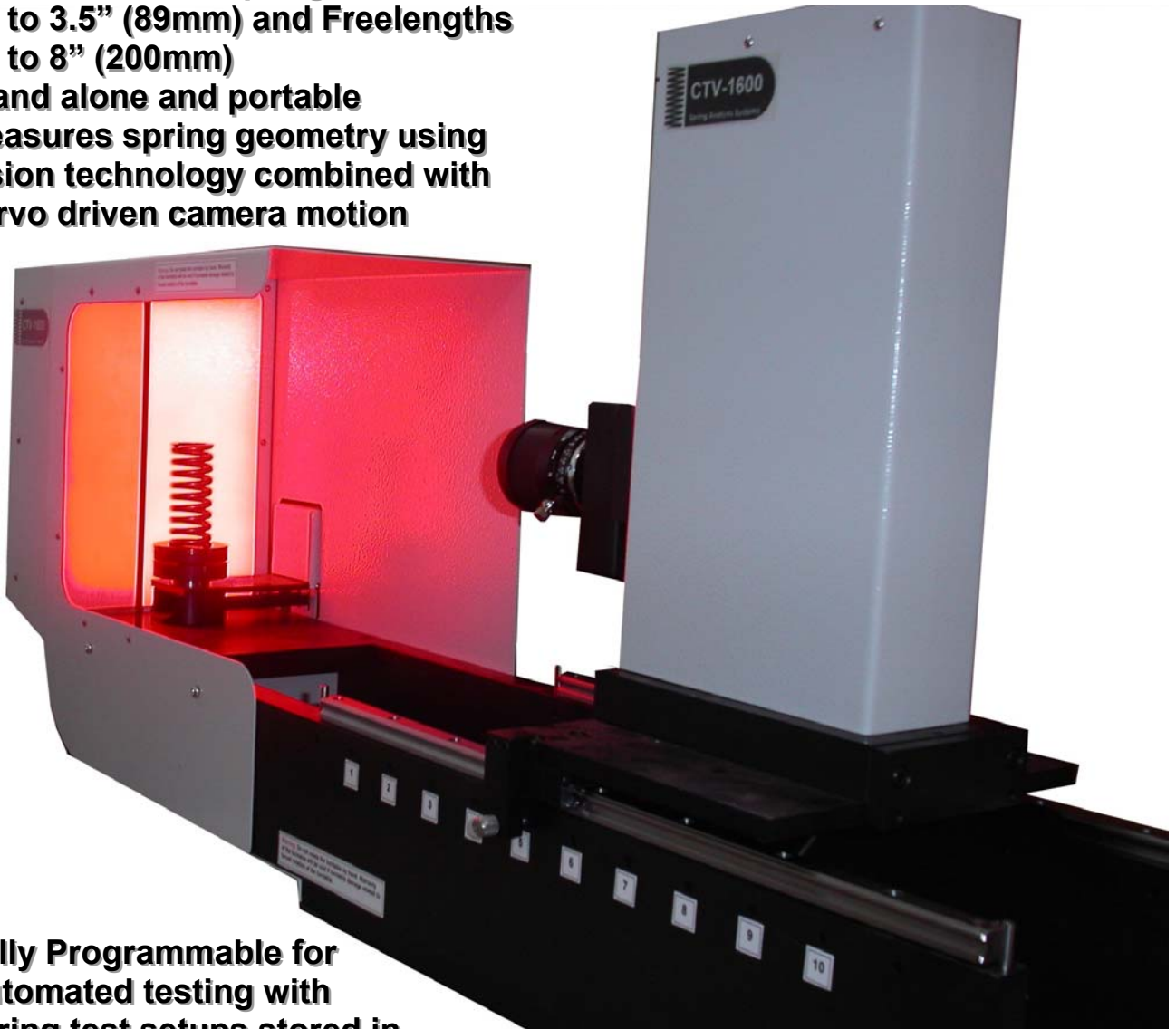


CTV-1600

DIMENSIONAL MEASURING SYSTEM

- Rapid Acquisition of Pitch Trace and OD Map
- Accurate Determination of Eccentricity, Concentricity and Parallelism (**Patent Pending**)
- Accommodates Springs with OD's up to 3.5" (89mm) and Frelengths up to 8" (200mm)
- Stand alone and portable
- Measures spring geometry using vision technology combined with servo driven camera motion



- Fully Programmable for Automated testing with spring test setups stored in files for quick recall and test

- Custom Measurement Solutions available to replace shadowgraph applications

Forming
Systems inc.
877-7273676 Toll Free USA
269-6793557 International
www.formingsystemsinc.com

SAS Inc.
Spring Analysis Systems

CTV1600 Specifications

Measured Variables	<ul style="list-style-type: none"> <input type="checkbox"/> Outside Diameter <input type="checkbox"/> Free length <input type="checkbox"/> Pitch <input type="checkbox"/> Eccentricity <input type="checkbox"/> Parallelism <input type="checkbox"/> Perpendicularity <input type="checkbox"/> Concentricity
Resolution	<ul style="list-style-type: none"> <input type="checkbox"/> 0.005mm (0.0002"). Depending on object size
Fixtures	<ul style="list-style-type: none"> <input type="checkbox"/> Optional Servo Driven Z axis for springs up to 8" (200mm) frelength <input type="checkbox"/> Optional rotation platen for dimension w.r.t axial position
Display Computer	<ul style="list-style-type: none"> <input type="checkbox"/> 17" Color monitor with PC option <input type="checkbox"/> Intel 3GHz (minimum) processor with 256Mbyte of RAM <input type="checkbox"/> USB 2 connection to PC for camera control and data transfer <input type="checkbox"/> Fully Microsoft Windows 2000, and XP compatible
Languages	<ul style="list-style-type: none"> <input type="checkbox"/> English, German, French and Spanish
Software Features	<ul style="list-style-type: none"> <input type="checkbox"/> Programmable for automated testing, includes recalling test setups from files. <input type="checkbox"/> Manual, Semi Automatic and fully automatic operation available. <input type="checkbox"/> Full reporting and printing capability available. <input type="checkbox"/> On-line and off-line SPC control charts and Cpk capability testing available. <input type="checkbox"/> Operator friendly programmable setup wizards <input type="checkbox"/> Smart self calibration routines
Load Results	<ul style="list-style-type: none"> <input type="checkbox"/> Can be customized and fully integrated with any CT series load tester
Units	<ul style="list-style-type: none"> <input type="checkbox"/> mm, inches, degrees
Power	<ul style="list-style-type: none"> <input type="checkbox"/> 110V~220V AC 1.5A (Maximum)
Dimensions	<ul style="list-style-type: none"> <input type="checkbox"/> 800mm x300mm x 500mm (32"x12"x20") – LxBxH <input type="checkbox"/> Weight 30kg (66lbs)

