

CubeOne

Automated Rubber
Tensile Testing



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www.labscubed.com

Automated Tensile Testing for Rubber

Experience seamless automation with our user-friendly, affordable tensile testing machine, boosting productivity instantly.

 **40%** | More Consistent

 **85%** | Recovered Time



Recover Lab Time

Maximize efficiency with the CubeOne, saving up to 85% of your team's time for higher-value tasks.



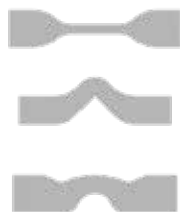
Optimize Your Lab

Maximize ROI while accelerating lab results and optimizing technician time.



Ensure Data Consistency

Automate testing results in up to 40% increased consistency, proven by extensive studies.



Standard ASTM Tensile and Tear testing
Our machines meet ASTM and ISO standards, ensuring easy integration into any lab without disruption.

Which Samples Can CubeOne Test

The CubeOne machine is specifically designed for automated tensile testing of rubber and elastomer materials. It supports testing standards such as **ASTM D412**, **ASTM D624**, and **ISO 37**.

This specialization ensures precise and efficient testing tailored to the unique properties of rubber and elastomers.



Load up to **12 tensile and tear samples per tray** for faster, more efficient testing.

The CubeOne's automated system streamlines the process, **saving time** while delivering precise, **consistent results**.

How CubeOne Works in 3 Simple Steps

Easily perform tensile tests: Load, configure, press start. Done.

1



Simply load up to 12 tensile samples, with your choice of mixed compounds and different materials.

2



Utilize the touchscreen to effortlessly input compound names and begin testing with just a touch.

3



After testing, easily review your data in your own database or through our portal, including the machine touchscreen and cloud access.

Inside CubeOne: Key Components & Features

Key features and performance criteria of our advanced tensile testing equipment.



Weight

150lbs (75kgs)

Force Capacity

Up to 1kN

Max Elongation

1000%

Max Speed

150mm/s (6in/s)

Tensile Sample Types



ASTM D412 / ISO 37



ASTM D624



Type C



Type B

For other sample types,
customization may be required.
Contact us to verify compatibility.

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Why CubeOne Is the Future of Automated Tensile Testing



Automated Thickness

We've designed our automated tensile machine to be effortlessly user-friendly. By automating the measurement of thickness, we've streamlined a crucial step in the testing process.

Cross Head Displacement

Each machine is equipped with a precision-built system to accurately measure cross head displacement, meticulously calibrated to meet the rigorous standards set by ASTM.



Video Extensometer

Our automated tensile machine uses a video extensometer for precise, non-contact strain measurement, ensuring accurate results without sample damage.

Install & Run Tests in 3 Simple Steps

Explore the straightforward setup process for the CubeOne, from loading diverse sample types to launching your tests with ease, and seamlessly receiving detailed data analysis results.

1



Once your CubeOne arrives at your facility, place it onto a sturdy bench in your desired workspace.

2



Simply plug the machine into any standard power outlet worldwide. Only one regular outlet is required.

3



Easily adjust functions and settings on the touchscreen interface—then simply press Start to experience the power of automated tensile testing in action.

Need Help with Calibration & Maintenance?

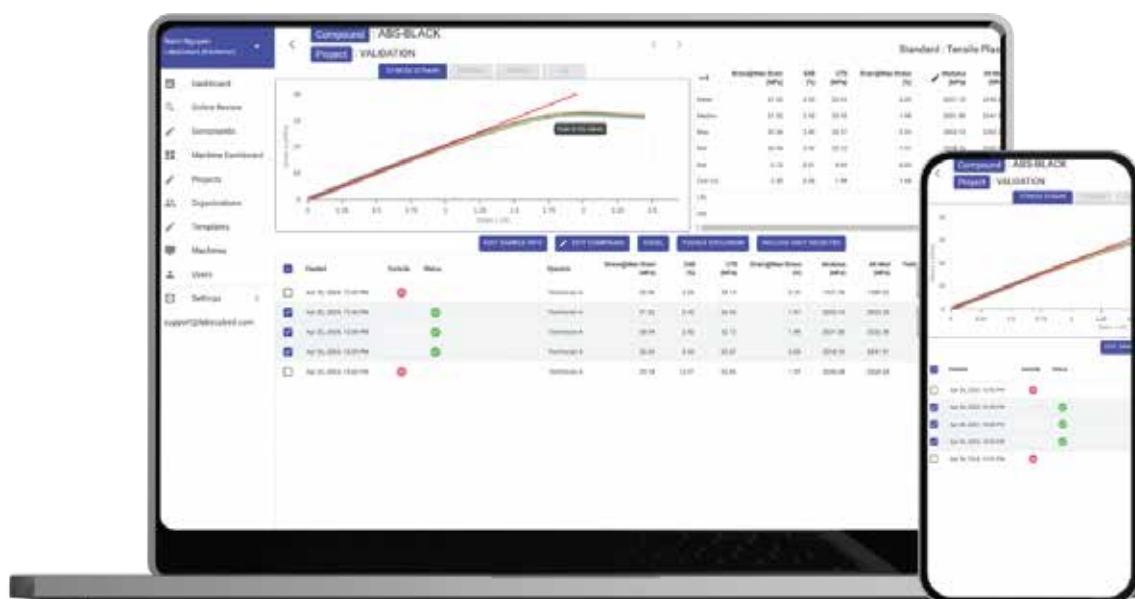
At LabsCubed, we ensure your CubeOne runs smoothly with prompt remote support to minimize downtime.

For more complex issues, our technicians provide in-person service, using remote diagnostics to assess equipment and arrive fully prepared.

We also offer annual calibration services to maintain ASTM standards, ensuring peak equipment performance tailored to your schedule.

Simple Data Visualization

We offer multiple options for accessing your data post-testing with CubeOne, including cloud storage and full integration into your existing systems. Data can be easily accessed and visualized through your own database or via our portal. Our capable software team ensures seamless compatibility with tools like **Alpha Workbench, Uncountable, SAP,** and more.



Ready to Transform Your Lab?

Contact us today to see how CubeOne can optimize your testing process, improve data consistency, and boost efficiency.



Contact us to learn more or get a quote:

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