Goodbye ESM301, Hello ESM303!

ESM303   **VS.**   **ESM301**

The new ESM303 test stand features a number of enhancements, improvements, and additions over the ESM301. Consider the following:

- The column **completely encloses the motor**, for improved aesthetics and significantly reduced noise. The column is **more rigid**, reducing deflection under load.

- Cable connections have been streamlined and internalized, for a **clean, ergonomic look**. The gauge interface cable attaches directly to the crosshead, and powers the gauge. No need for an AC adapter.

- **18" of travel** is standard, instead of a selection of 11.5" or 18". Yet, overall height is similar to the ESM301.

- **Easy field retrofit** of travel measurement hardware. No need to return the stand to the factory.

- **USB output** of force and travel is now provided. A USB converter is no longer needed.

- The **current position is now memorized** between power cycles. Implemented on the ESM1500 as well.

- The controller mounts to the side of the column and can be **easily removed** for remote operation.

- The ASCII command set for PC control now includes **all Mark-10 force gauge commands**. Implemented on the **ESM1500** as well.

- The available **FollowMe™** function moves the crosshead at a variable rate of speed, proportional to the amount of force applied by hand to the force gauge's load cell, like the ESM1500.

- The available **Profiles** option allows the user to save, name, and recall up to 50 test setups (i.e. speeds, distance limits, cycles, etc.). This option is now **offered on the ESM1500 as well**.

- The control panel has **dedicated FollowMe™ and Zero Travel buttons**, like the ESM1500.

- Adjustable grip mounting plate, for **ensuring axial alignment** with the force gauge or load cell.

- Most electronics are **mounted to a single assembly**, easily removed for transportation and service.

- **Double column extensions** are available (in addition to single column extensions), accommodating large samples. Field retrofit of single and double column extensions is now significantly easier.

- Complete options package now includes **all required cables**, in addition to test stand options.