

## Easy-to-use detector for molecular weight determination

### The BI-MwA Molecular Weight Analyzer

from TESTA Analytical is a compact, pre-aligned **static light scattering detector** for labs looking to quickly determine the **absolute average molecular weight** of any macromolecule.

### Designed for educational facilities and labs

running limited number of samples without the hassle of a full GPC/SEC system, you can be productively using your BI-MwA in a short time with little training.

### To use,

simply inject your sample into the low-volume, 7-angle flow cell. The integral high-sensitivity, low-noise CCD detector automatically collects the scattered light. Intuitive software then extrapolates the data to zero angle to enable precise molecular weight determination.

### The novel vertical flow path of the BI-MwA

avoids trapped bubbles – a problem commonly associated with other multiple angle light scattering systems. The flow cell inside the detector has no sharp corners, only conical shapes, meaning previously analyzed samples are easily flushed out, eliminating the possibility of contamination from previous samples.

**For further information** about the BI-MwA Molecular Weight Analyzer please visit

<https://testa-analytical.com//molecular-weight-analyzer.html> or contact TESTA Analytical on +49-30-864-24076 / [info@testa-analytical.com](mailto:info@testa-analytical.com).

### TESTA Analytical Solutions i

s a leading specialist supplier of liquid chromatography instruments and detectors.

Drawing upon over 30 years' experience, TESTA Analytical Solutions has established

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itself as a respected creator and supplier of top quality, innovative, GPC/SEC and HPLC instrument kits, and detectors with end user and OEM clients around the world.

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**Illustrative image:**



Caption: BI-MwA Molecular Weight Analyzer