

First Ten Angstroms

FTA – Eagle

Used for measuring contact angles and surface tension, the FTA Eagle is an expandable, general purpose instrument. All First Ten Angstroms tools are modular and custom-built which allows us to build a tool that will suit your budget and/or needs. Additionally, if your needs or budget change, many of the components can be upgraded at a later time without having to purchase an entirely new instrument.

About the Fta32 System Software

- Free lifetime updates as they become available on our website
- Site-wide license – can be downloaded onto multiple PC's which allows users to download their data for evaluation at a different work station
- Download the latest version from our website and experience it using these directions:
 1. User logon – “Owner”
 2. License Number – “416065032”

For more information, visit our website at www.firsttenangstroms.com or send email to sales@firsttenangstroms.com

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All tools include:

- **Specimen Stage** – Choices include
 - Simple Table
 - XYZ, Manual Rack-and-Pinion
 - Motorized Rotary table, XYZ table, or RQZ table
- **High Performance Camera** – Choices include
 - USB2.0, USB3.0, and GigE
 - Camera speeds from 60 frames per second to ~450fps
- **Microscopes** – Choices include
 - Fixed magnification
 - Magnification up to 12x
 - Working distance up to 175mm
- **Backlight**
 - Blue LED for uniform lighting and sharp resolution
- **Dispenser**
 - Manual dispenser with manual syringe and Z tip
 - Motorized dispensers, single automated XZ tip or 4 motorized XZ tips that can form drops of selected volume and automatically touch them off on samples for contact angle measurements under software control
- **Electronic Controller Box**
 - Provides software control of backlight intensity, a motorized direct drive pump, tip Z movement for the needle and movement of the sample and tilt stages.

Available Options:

- Tilt Stage – For advancing/receding CA
- Temperature controlled Environmental Chambers
- Installation & Training
- More, see catalog

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