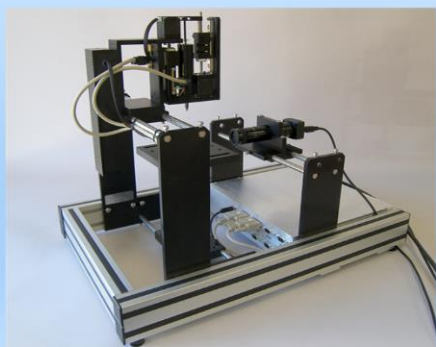


FTA – FALCON

Used for measuring contact angles and surface tension, all First Ten Angstroms tools are modular and custom-built. This 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.



Shown with electronics controller for automation.

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 login – “Owner”
 2. License Number – “416065032”

Model F124141:

**Falcon Frame +
system software**
Part #F

Fta32 system software. Updates can be downloaded from the First Ten Angstroms website free of charge as they become available.

**Stage-
simple table**
Part # F1

A square table provides a support surface for your specimen and also has an array of M6 threaded holes into which you can mount your own sample holder. The table is supported on a round post with adjustable Z position which is fixed by a locking knob.

**Camera-
USB 2.0 1/3”
sensor**
Part #F02

Using the USB connection, this economical camera can capture quality images up to 60 frames per second.

**Microscope-
fixed mag**
Part # F004

Excellent resolution and stability with 156mm working distance.

**Backlight-
LED, 25mm,
blue**
Part # F0001

This wide area LED source is bright and uniform. It employs 16 LEDs in a square array to achieve uniform illumination. The blue color offers best image resolution because its wavelength is the shortest of the available colors. LED sources are very long-lived and generate essentially no heat.

**Dispenser-
1 motorized
syringe and Z tip**
Part #: F00004

Fully automated single syringe dispenser can form drops of selected volume and automatically touch them off on samples for contact angle measurements.

**Electronics
Control Box**
Part # F000001

Provides software control of backlight intensity, a motorized direct drive pump, tip Z movement and specimen stage movement.