

Eggo Open System





Egoo Analyzer Technology 2

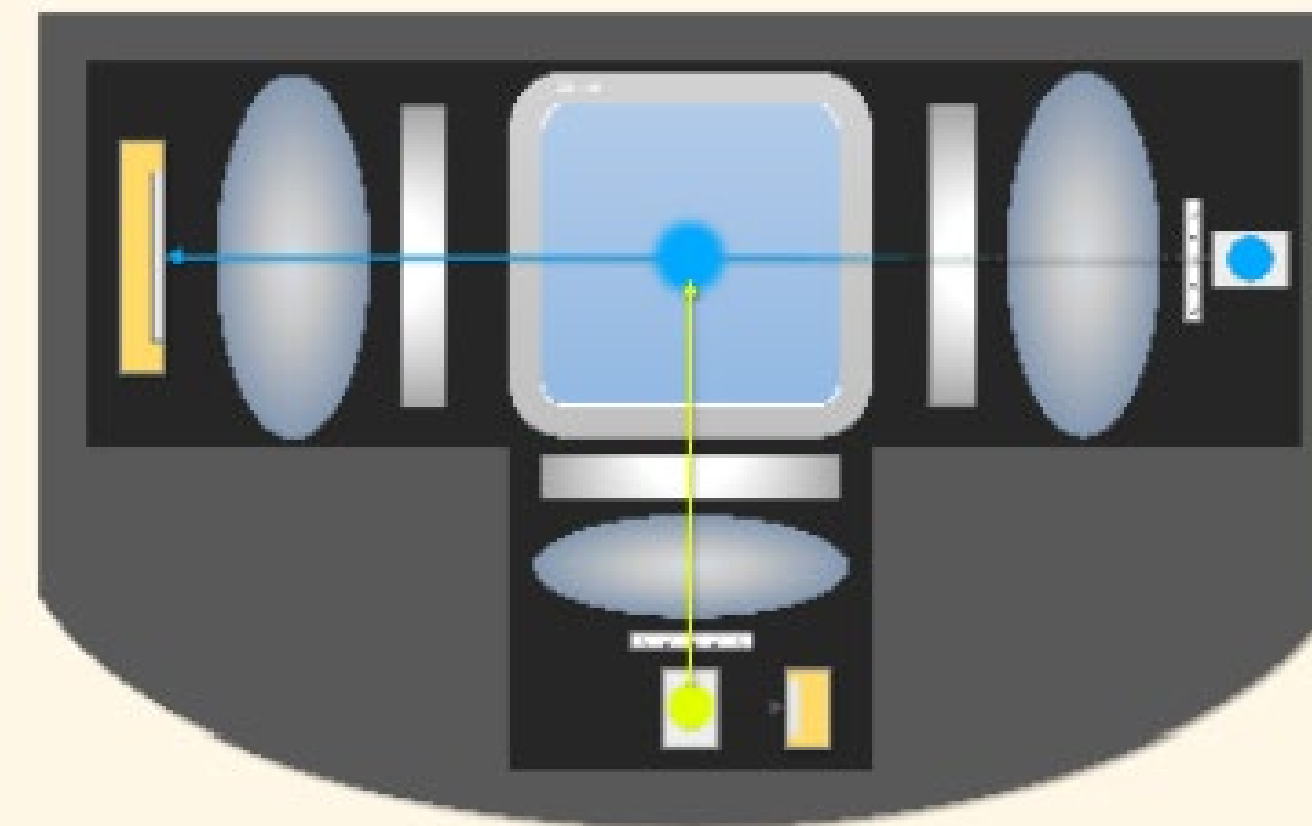
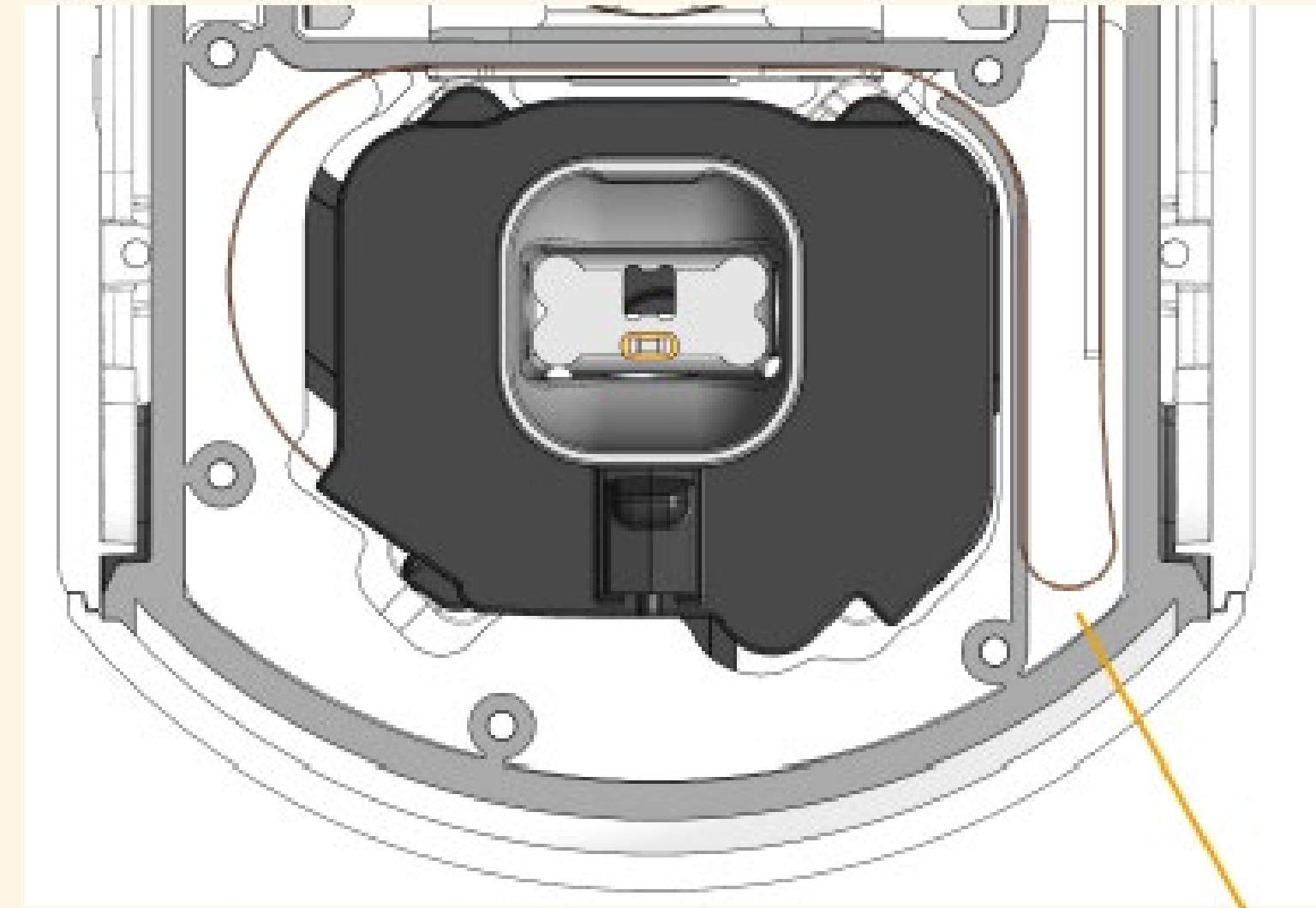
- ↘ Mixing (0-2500 rpm)
- ↘ Heating $\leq 50^{\circ}\text{C}$
- ↘ Plunging (3x)
- ↘ Turbidity/absorbance measurements
- ↘ Fluorescence measurements
- ↘ Reaction time (dependent on the assay)
- ↘ Controlled by a mobile phone App (Android)

Egoo Analyzer Technology

The optical unit in the Egoos device is:

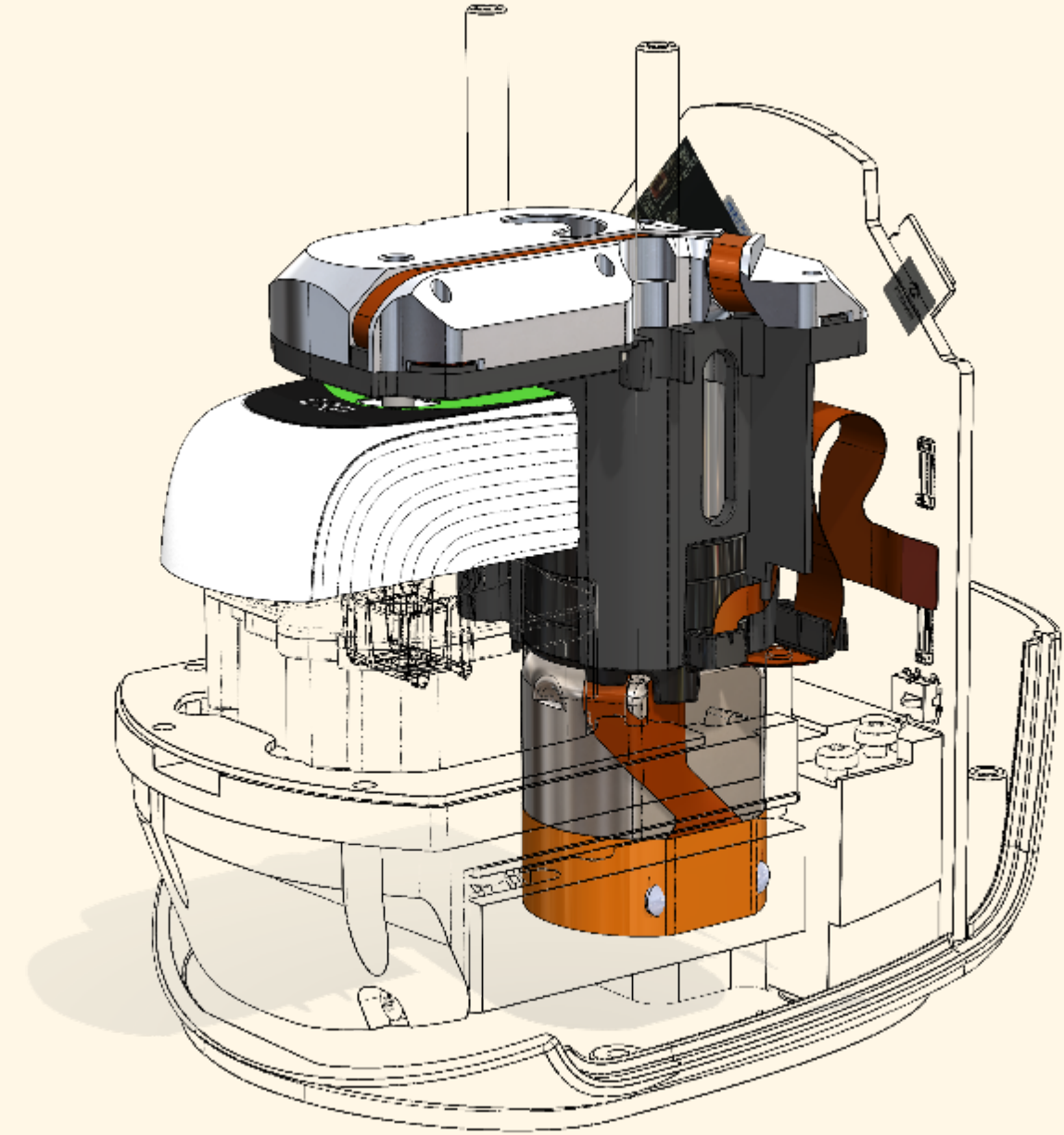
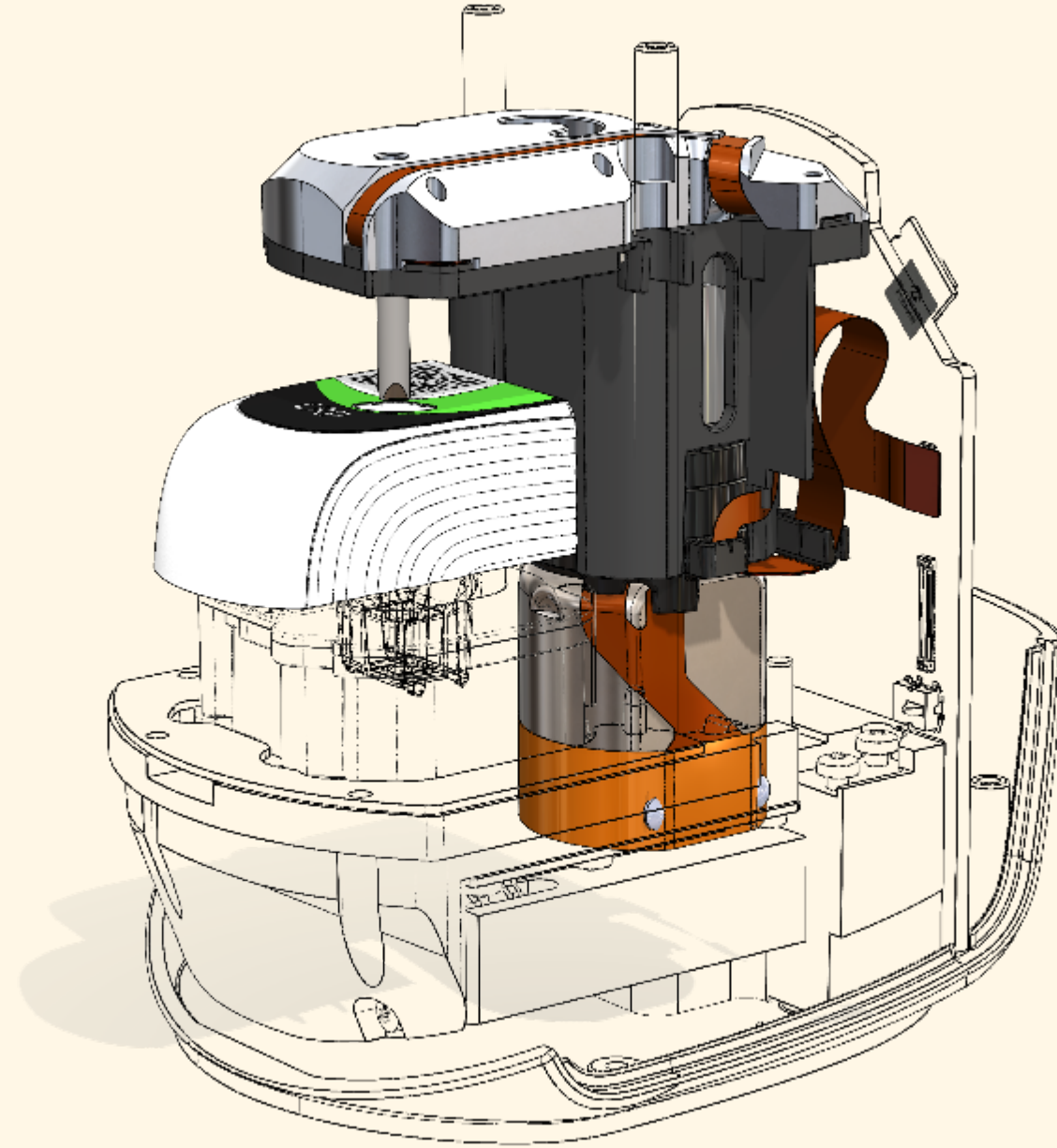
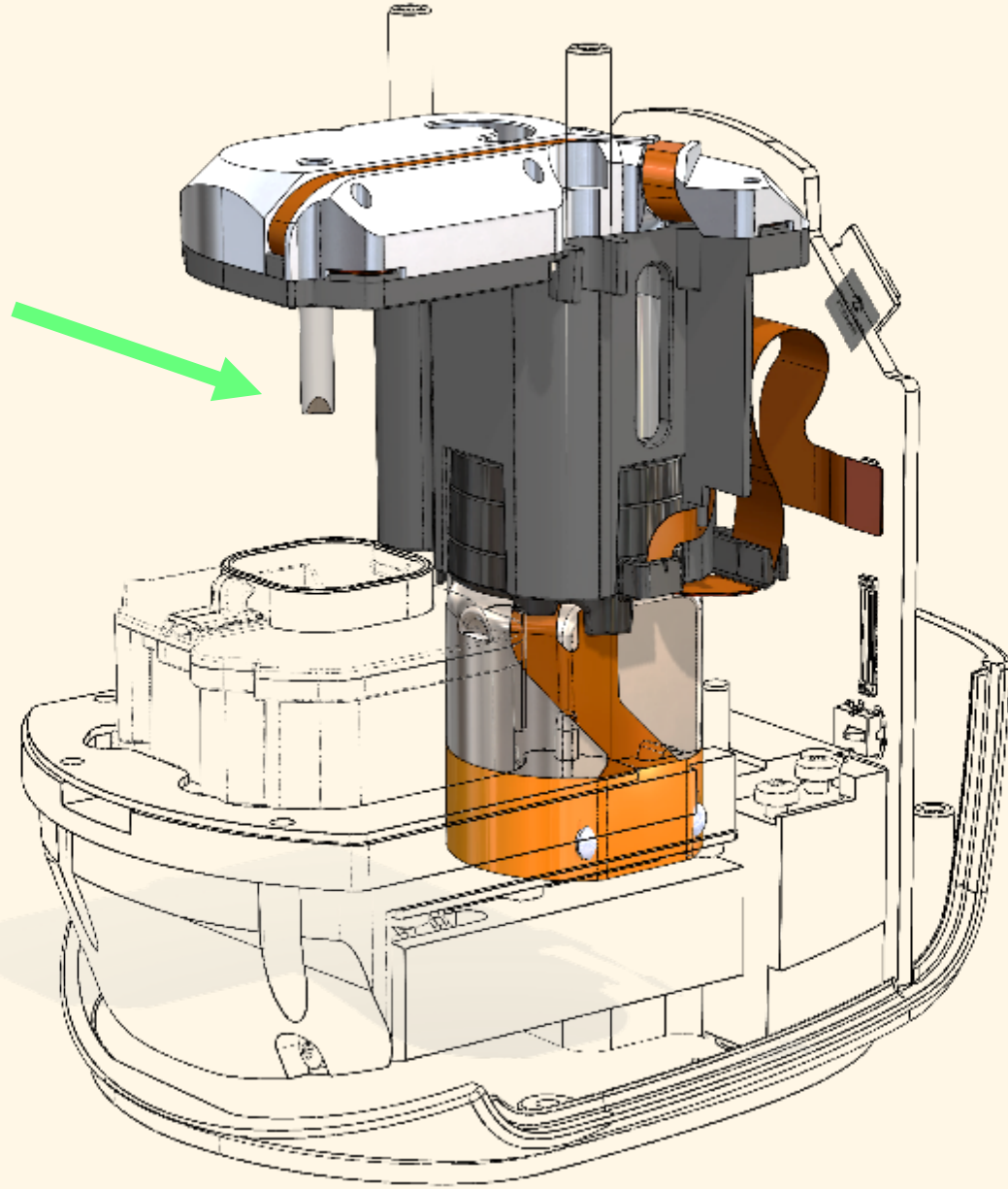
- ↙ Small
- ↙ Can detect absorbance (570 nm)
- ↙ Can detect fluorescence (497/520 nm)
- ↙ Can detect bioluminescent*
- ↙ Can withstand mixing (≤ 2500 rpm)
- ↙ Can withstand heating ($\leq 50^{\circ}\text{C}$)

* Special Egoos device upon request

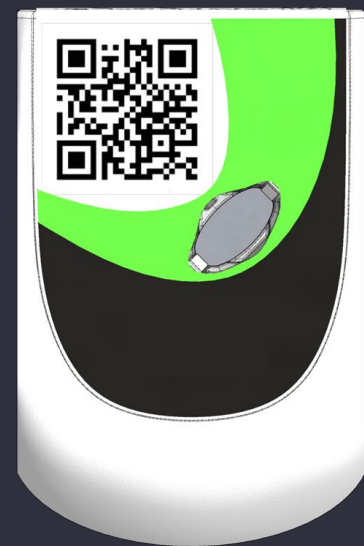


Egoo Analyzer Technology

Piston
used for
plunging



Plunging using the piston in the Egoo Instrument releases reagents from the reagent chambers in the capsule



Egoo Open Capsule

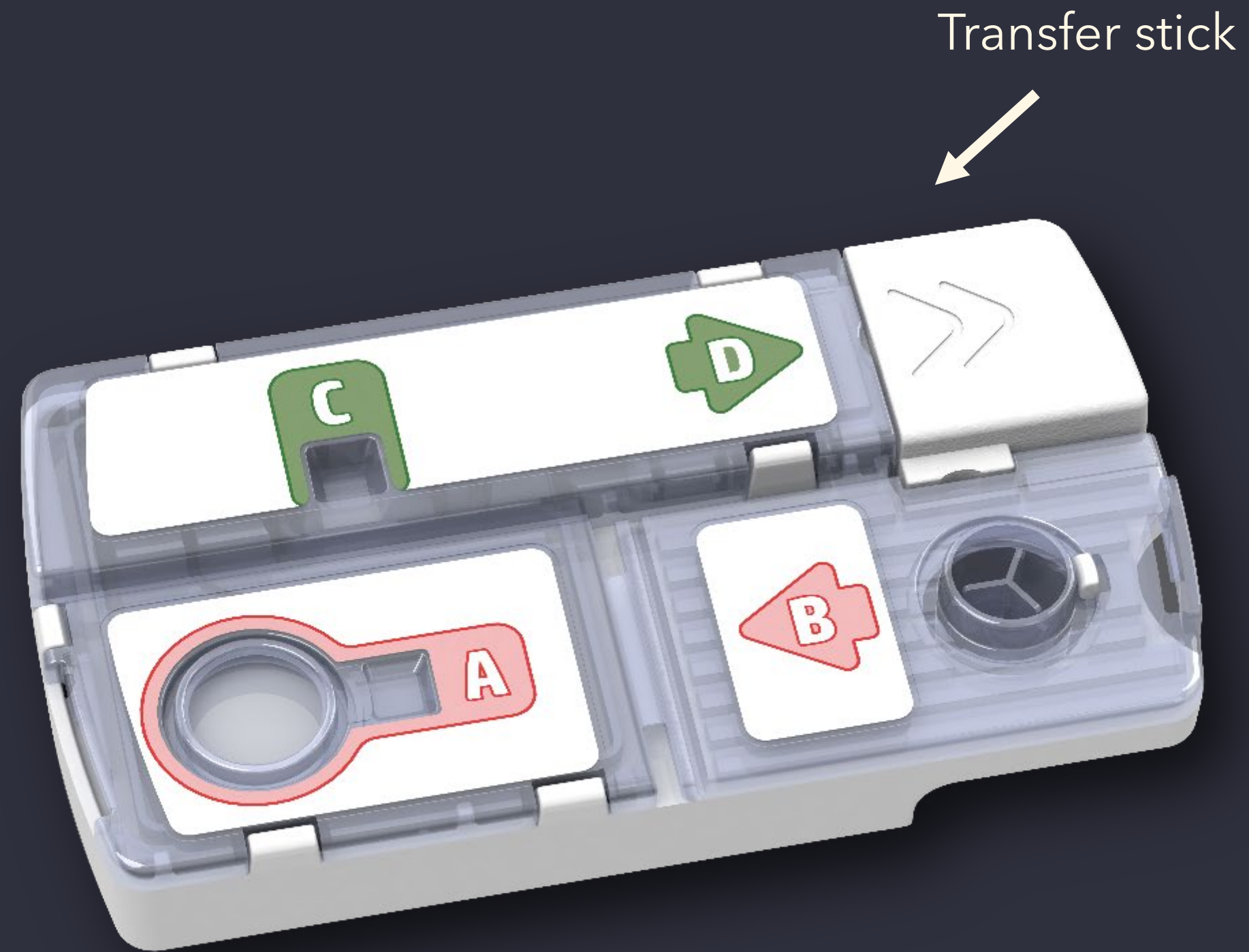
Product specifications



Liquid reagent in cuvette

- ↘ 3 reagents chambers that can contain reagents:
 - Lyobeads per reagent chamber:
 - max. 2x beads with a diameter of 3.7 mm
 - Liquid per reagent chamber:
 - Max. 80 μ l
- ↘ 1 reaction chamber (cuvette) that can contain reagents:
 - Lyobeads:
 - Liquid: max. 500 μ l
 - Minimum reaction volume after plunging: 230 μ l
- ↘ 1 sample inlet for insertion of the sample:
 - Insertion using a pipette or an Egoo Collect

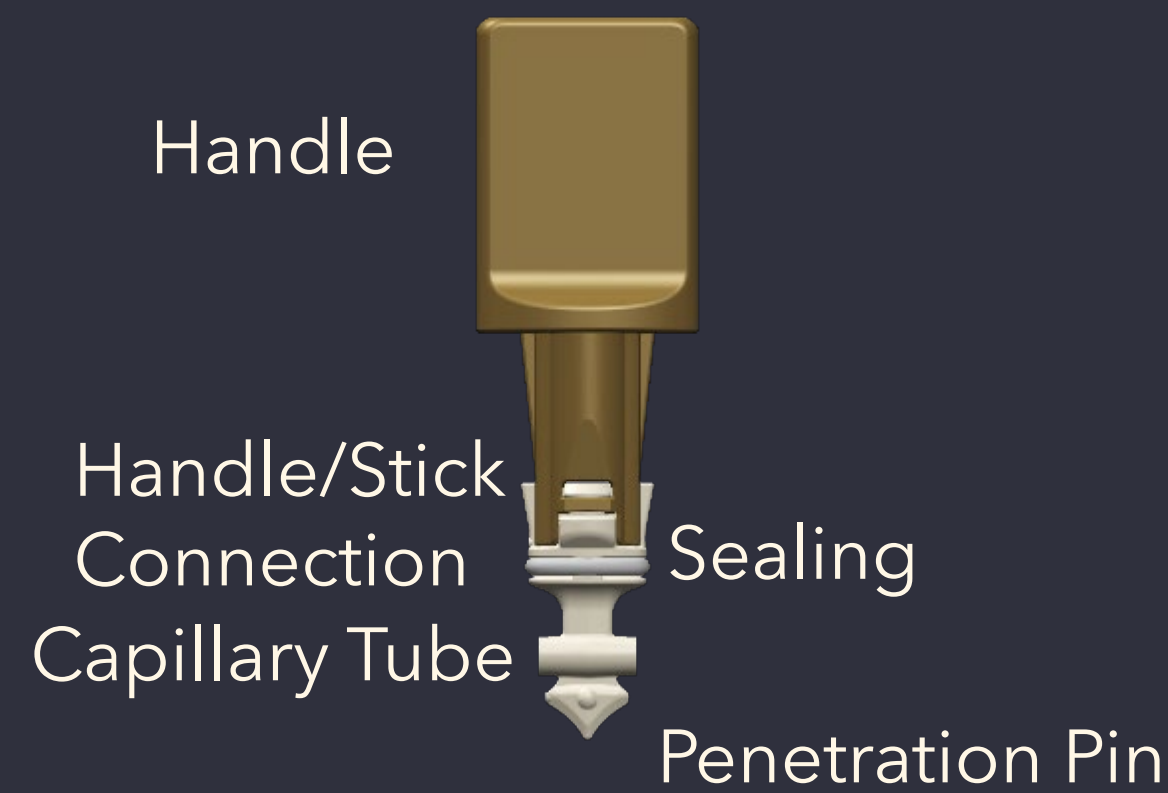
Egoo Collect Technology



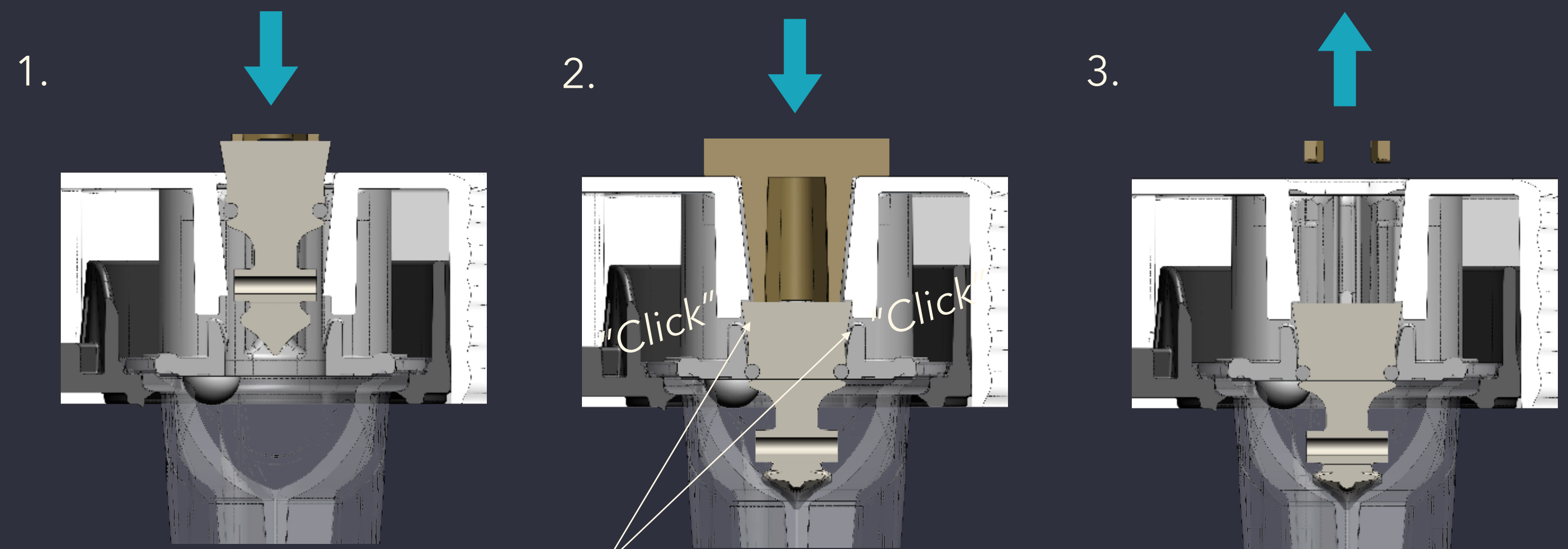
Egoo Collect Development Specs:

- ✓ 35 μ L full blood to 5 μ L plasma
- ✓ Precision CV 1,5%
- ✓ Separation time <2min
- ✓ Clear without visible cell content
- ✓ Filtration membrane technology
- ✓ Low pressure filtration
- ✓ Sample types: whole blood, capillary blood

Egoo Collect Transfer stick



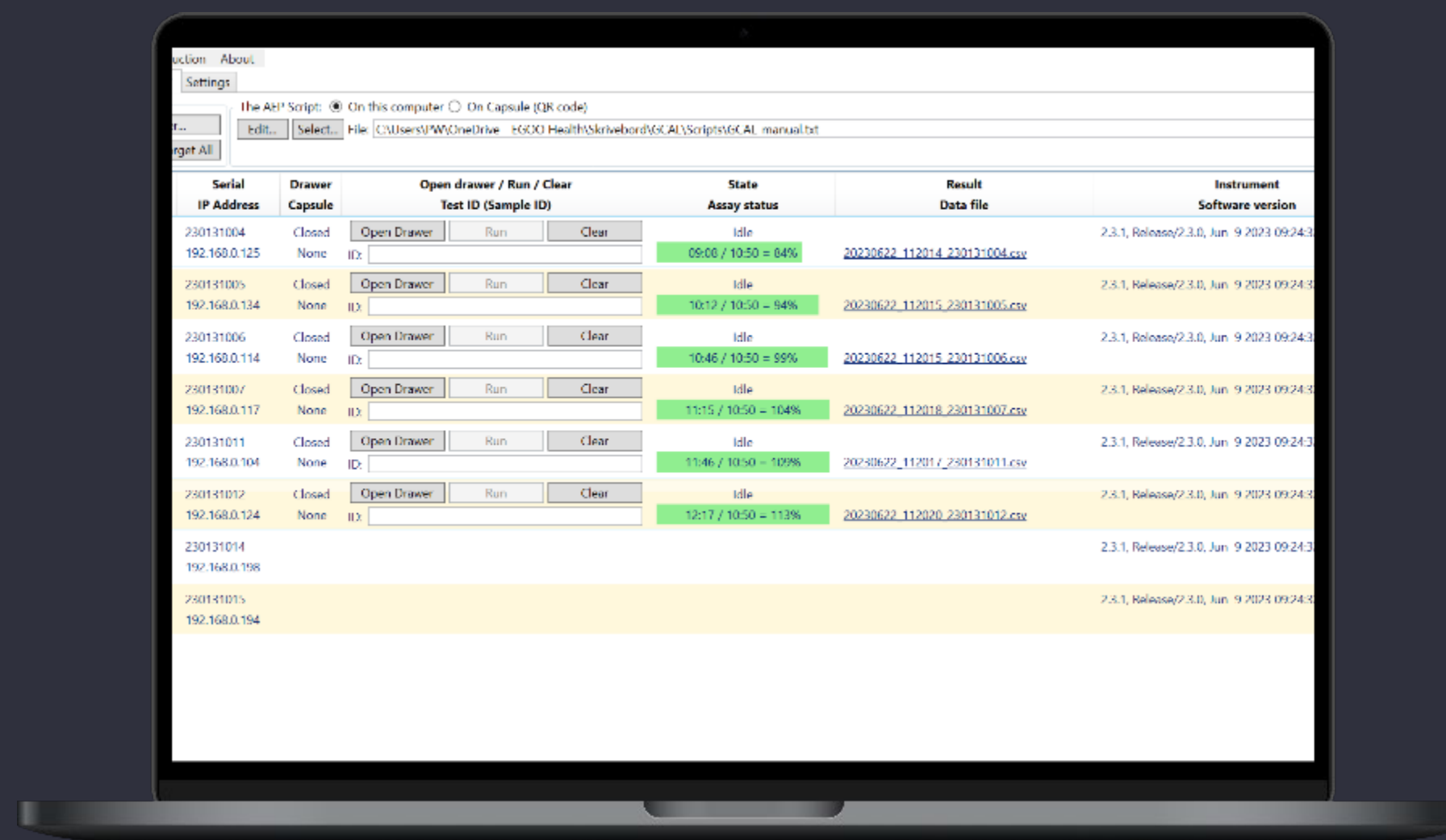
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1. Insert transferstick into sample inlet

2. Gently pres the transfer stick into the capsule intil the handle stop the insertion

2. Pull the handle out of the capsule - the end of the stick will remain in the capsule



- ↘ Operates the Egoo instrument through WiFi
- ↘ Protocol (AEP) specifically designed for you Biomarker X Egoo Capsule*
- ↘ Generates raw Runs the Assay Execution data that can be exported to Excel for data analysis

* Designed in collaboration with the Egoo Innovated SW team

AEP protocol controls assay conditions for your Biomarker X Egoo Capsule:

- reaction time
- reaction temperature
- mixing speed
- plunging sequence
- measuring interval

Egoo ILab software

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