

EZ-Pick II

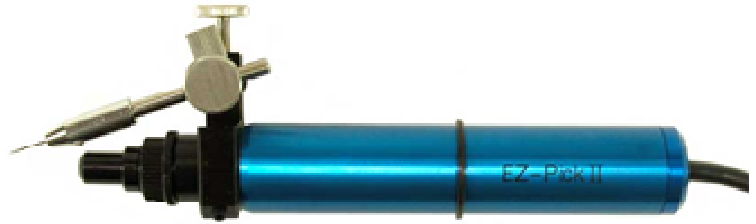
Hand-Held Micro Sample Prep Tool

Easily manipulate & dissect your samples or extract smallest particles for further examination, while monitoring your action on the attached monitor.

This new SamplePrep Stylus is an excellent solution for anyone who is engaged in specimen manipulation, handling of delicate components or any other microscopic tasks calling for precision work.

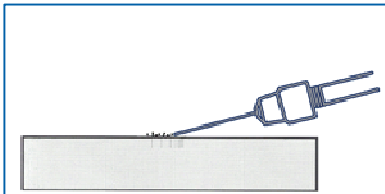
The head of the stylus includes a specially designed optical focusing lens, which focuses on the tip of the sample probe.

Your sample prep operations are captured by an ultra mini high performance CCD camera and are transferred to the 7" monitor for optimal visualization. According to your specific application you can attach the appropriate type of sample probe onto the head of the stylus.



-Interchangeable Tools

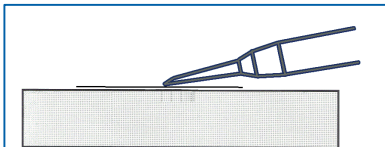
Various types of interchangeable sample preparation tools such as needles, tweezers, etc. are available for delicate maneuvering of specimens.



-Needles

We provide electrically polished Tungsten Sampling Needles: 1" x 0.5 mm each with point diameters of 1, 2.5 and 5 microns to pick up/extract micro particles from your sample.

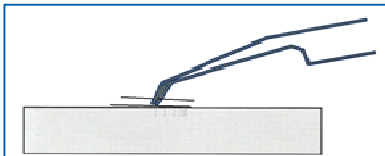
The needles are attached into a pin vice and can be exchanged easily.



-Knives

The Sampling Knives – available with a 0° blade or a 15° blade – are suitable for cutting and dissecting your sample.

Included as standard is the Knife Holder with 10 knives with a 0° cutting blade.



-Tweezers

Tweezers are optionally available for gripping and holding small samples such as fibers, fabric, film and paper, to eliminate sample contamination, etc.

Two types of Tweezers are optionally available:

Regular Curved Tip Tweezers

Stainless steel tweezers with a pronounced curve to allow easier picking up of samples and small objects.

Reverse Action Tweezers with Curved Tips

These stainless steel tweezers with curved tips work the opposite way from normal tweezers: Tweezers are pressed to open and released to close, thus enabling complete control and precision application. You can easily hold samples without the need to apply any pressure.

Features:

- Excellent portable inspection tool for field operations and remote locations
- Optimum image quality is ensured by a built-in high performance CCD camera
- Incorporates specially designed optical focusing lens
- Magnification can be easily altered by simply changing the lenses
- Interchangeable sampling tools, change out in seconds
- Standard video output: NTSC
- Slim body design for optimal handling
- Low cost and broad range of applications

Set 1: EZ-Pick II With Stand-Alone Monitor **

This small 7" compact and lightweight monitor is simply connected to the EZ-Pick II. It incorporates a high-brightness LCD panel, which offers excellent picture quality. A foot stand supports the monitor.

Please note that additional digital magnification can be achieved by connecting the EZ-Pick II to a larger monitor provided that the monitor is NTSC compatible.

Specifications 7" LCD-Monitor*:

- Color TFT-LCD Monitor
- Screen Size: 7" (156 x 88 mm)
- Resolution: 960(H) x 243 (V)
- Power supply: 12V ±20%
- Sturdy plastic housing
- Incl. foot stand



Set 2: EZ-Pick II With Headset

Optionally we deliver the EZ-Pick II with a one-eye video headset for onsite measurements.

The one-eye video headset weighs 35 grams and can be directly connected to the EZ-Pick II.

A 0.24 inch QVGA LCD display provides the images equivalent to a 28" screen located meters away while still ensuring the user's normal visual field.

Please note that the video device cannot be used with your own eyeglasses. The device provides diopter adjustment so that those with bad eye vision can also use it.

Specifications Headset*:

- Display resolution: approx. 230 000 pixels, 960 (H) × 240 (V)
- Video Input: VBS 1.0 Vp-p/75 Ω (NTSC input)
- Output terminal: Audio (L/R) 28mW + 28mW 3.5 φ stereo 3P (32 Ω)
- Continuous operating time: Approx.4 hours (for alkaline batteries)
- Power supply voltage: 3.0 V (primary battery), 2.4 V (secondary battery)
- Batteries: AA-size batteries x2
- Operating environment: 0° C – 40° C / 10% – 80% humidity (no condensation)
- Weight: Main device approximately 35g , Battery compartment approx. 22g (not incl. batteries)

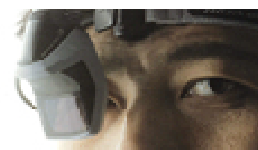
Set 3: EZ-Pick II With USB/Video Adaptor

With the USB/Video Adaptor (incl. software) you can also connect the EZ-Pick II to your own notebook.

Please note that some notebooks can read the Video NTSC signal, so that there is no need for the USB/Video adaptor.

Specifications USB/Video Adaptor*:

- USB 2.0
- Bus-powered
- Video-Input: Composite Video and S-Video
- Video-Standard: NTSC (res.: 720x 480) and PAL (res.: 720 x 576)
- Supported formats: MPEG 1 und MPEG 2
- Audio-Input: RCA Stereo
- Windows 2000/XP/XP x64/Vista/Vista x64



► See how it works on our **YouTube** channel: <https://www.youtube.com/user/welovespectroscopy>

ORDERING INFORMATION

Part Number	Description
STJ-0158-2	EZ-Pick II (Standard Package: Main Frame/7" Monitor/Probe/Knives/standard lense.)
STJ-0158-DT2	Scrabbler II
STJ-0158-TW	Tweezers/with holder
STJ-0158-TWX	Tweezers/X type/ with holder
STJ-0159-B	Knife blade (Fan shape)
STJ-0158-EL	Lenses (2X & 1.5X) for change
STJ-0158-HD	Head Mount Display