M-545 Microscope XY Stage
for Manual Operation

- M-545 Microscope XY Stage for manual operation
- 25 × 25 mm travel range
- M-545.2MN (compatible with Nikon Eclipse Ti, Ti2 microscopes)
- M-545.2MO (compatible with Olympus IX, IX2, IX3 microscopes)
- M-545.2ML (compatible with Leica DMI6000, DMI8 microscopes)
- M-545.2MZ (compatible with Zeiss Axio Observer microscopes)

Example image – geometry differs slightly depending on the version.

**Sample Holders**

- Slide holders: P-545.SH1
- Petri dish holders: P-545.PD1

**Manual Positioning**

- Phone plate (P-545.SP)
- Slide holders: P-546.ST1

**Rise Positioning**

- Phone plate (P-545.SP)
- Slide holders: P-546.ST1

**Piezo nano-positioning stage**

- P-545.xR8S
- P-545.xC8S
- P-545.3D8S
- E-727 controller included

Piezo nano-positioning stage

- P-541.Zxx / P-541.Txx
- P-541.2xx / P-542.2xx

Controller to be ordered separately, e.g. E-727.xxx

**Piezo nano-positioning stage**

- P-736.ZR1S / P-736ZR2S
- E-709 controller included

PImicro Piezo system

- P-733.2xx / P-733.3xx

Controller to be ordered separately, e.g. E-727.3CDA

**Manual Positioning**

- Phone plate (P-545.SP)
- Slide holders: P-546.ST1

**Rise Positioning**

- Phone plate (P-545.SP)
- Slide holders: P-546.ST1

**Piezo nano-positioning stage**

- P-545.xR8S
- P-545.xC8S
- P-545.3D8S
- E-727 controller included

Piezo nano-positioning stage

- P-541.Zxx / P-541.Txx
- P-541.2xx / P-542.2xx

Controller to be ordered separately, e.g. E-727.xxx

**Piezo nano-positioning stage**

- P-736.ZR1S / P-736ZR2S
- E-709 controller included

PImicro Piezo system

- P-733.2xx / P-733.3xx

Controller to be ordered separately, e.g. E-727.3CDA

**Manual Positioning**

- Phone plate (P-545.SP)
- Slide holders: P-546.ST1

**Rise Positioning**

- Phone plate (P-545.SP)
- Slide holders: P-546.ST1

**Piezo nano-positioning stage**

- P-545.xR8S
- P-545.xC8S
- P-545.3D8S
- E-727 controller included

Piezo nano-positioning stage

- P-541.Zxx / P-541.Txx
- P-541.2xx / P-542.2xx

Controller to be ordered separately, e.g. E-727.xxx

**Piezo nano-positioning stage**

- P-736.ZR1S / P-736ZR2S
- E-709 controller included

PImicro Piezo system

- P-733.2xx / P-733.3xx

Controller to be ordered separately, e.g. E-727.3CDA

Although the information in this document has been compiled with the greatest care, errors cannot be ruled out completely. Therefore, we cannot guarantee for the information being complete, correct and up to date. Illustrations may differ from the original and are not binding. PI reserves the right to supplement or change the information provided without prior notice.
**Precision Positioning is the Key Element in Microscopy**

For inverted microscopes precise positioning of the sample is a must for accurate results. Sample holders and fine positioning stages have to match perfectly. This is a simple task with our configurator. Start with the coarse positioner and follow the lines to the matching fine positioner and/or sample holder.

Please note: Always use automatic lens lowering when changing lenses.

For detailed product specifications/technical drawings just click on the relevant link (marked with double arrows) in the brochure.

*Optionally available: P-545.Cxx Coverslip holder for 18×18 / 22×22 / 25×25 mm coverslips.*

**Piezomotor U-780 PILine® XY Stage System with Controller and Joystick**

*Compatible with U-780.DNS (compatible with Nikon Eclipse Ti, Ti2 microscopes), 135 × 85 mm travel range*

*U-780.DOS (compatible with Olympus IX, IX2, IX3 microscopes), 100 × 75 mm travel range*

*U-780.DLS (compatible with Leica DMI6000, DMI8 microscopes), 135 × 85 mm travel range*

The U-780 PILine® systems include the C-867.2U2 piezomotor controller with USB joystick.

**Piezomotor U-760 PILine® XY Stage System**

*25 × 25 mm travel range*

*U-760.DNOS (compatible with Nikon Eclipse Ti, Ti2 and Olympus IX, IX2, IX3 microscopes)*

The U-760 PILine® system includes the C-867.2U2 piezomotor controller with USB joystick.

**Piezomotor U-760 PILine® XY Stage System with Controller and Joystick**

**U-761.AP1 adapter plate**

**U-761.SHP adapter plate**

**U-763.AP1 adapter plate**

**PInano Piezo system**

P-541.2xx / P-542.2xx

Controller to be ordered separately, e.g. E-727.3CDA

**PInano Z piezo slide scanner system**

P-733.2xx

P-733.3xx

Controller to be ordered separately, e.g. E-727.3CDA

**PInano Piezo system**

P-733.2xx / P-733.3xx

Controller to be ordered separately, e.g. E-727.3CDA

**PInano Z piezo scanner system**

PD73Z2COW / PD73Z2ROW (Compatible with version U-780.DOS for Olympus microscopes)

**Slide holder**

P-545.SH3

Compatible with U-780.DOS (Olympus version) and U-780.DLS (Leica version).

**Slide holder**

P-545.SH4

Compatible with U-780.DNS (Nikon version) only.

**Petri dish holder**

P-545.PD3

Compatible with U-780.DOS (Olympus version) and U-780.DLS (Leica version).

**Petri dish holder**

P-545.PD4

**Slide and Petri dish holder**

P-545.PD4

**Slide holder**

P-542.SH1

**Petri dish holder**

P-542.PD1

**PInano Piezo system**

P-541.3xx / P-541.Txx

P-541.2xx / P-542.2xx

Controller to be ordered separately, e.g. E-727.xxx

**Piezo nano-positioning stage**

P-733.2XX / P-733.3XX

Controller to be ordered separately, e.g. E-727.xxx

**Piezo nano-positioning stage**

P-541.Zxx / P-541.Txx

P-541.2xx / P-542.2xx

Controller to be ordered separately, e.g. E-727.xxx

**PInano Z piezo slide scanner system**

P-736.Z1S / P-736.Z2S

E-709 controller included

**PInano Z piezo scanner system**

P-736.Z2COW / P-736.Z2ROW

E-709 controller included

**U-780 PILine® XY Stage System**

L19529 (Compatible with Micro E-Planet T, T2 microscope), 220 × 140 mm travel range

L195225 (Compatible with Nikon, 135 × 85 mm travel range)

L195532 (Compatible with Olympus IX, IX2, IX3 microscopes), 135 × 85 mm travel range

L195531 (Compatible with Leica, 135 × 85 mm travel range)

L195530 (Compatible with Zeiss, 135 × 85 mm travel range)

The L195530 systems include the C-867.2U2 piezomotor controller with USB joystick.

**Motion | Positioning**

[WWW.PI.WS](WWW.PI.WS)