

Tiny, high-precision stage with built-in controller moves optics in handheld, mobile, portable systems.



New Scale News

October 2014

In this issue

[~ M3-LS dev kits available](#)

[~ 12th patent in 15 years](#)

[~ SPIE BiOS, Photonics West](#)

[~ Contact us](#)

Many of our customers are trying to shrink their desktop analytical systems down into devices that are handheld, portable and mobile. They need to precisely adjust optics in very small spaces, using battery power, with micrometer precision, at any orientation; while resisting shock, vibration and temperature extremes.

New Scale continues to roll out products that solve this exact problem. In this issue we're pleased to introduce our new M3-LS Smart Stage developer's kit.

~ New product

New M3-LS Smart Stage developer's kit available at Digi-Key, Mouser

World's only all-in-one micro positioning stage has embedded drive electronics for smallest size and unmatched ease of use in OEM systems

The M3-LS Linear Smart Stage is a high-precision micro stage with 0.5 μm resolution and absolute encoding. All drive and control electronics are inside the 29 x 20 x 10 mm stage.

The result is the smallest overall footprint and easiest system integration of any micro stage.

The only micro positioning stage with embedded drive electronics, the M3-LS is powering a new generation of handheld, portable and mobile instruments that require precision motorized optical adjustments.

The new DK-M3-LS-1.8-6 Developer's Kit is available now from Mouser and Digi-Key starting at \$1,675.



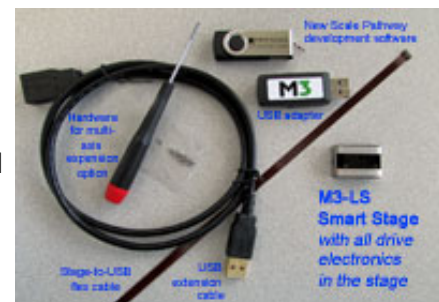
VIDEO: M3-LS Smart Stage Developer's Kit

Developer's kit contents

- One M3-LS-1.8-6 Linear Smart Stage
- One USB adapter and flex cable to connect the stage to a PC
- USB extension cable
- New Scale Pathway PC Software for stage evaluation and also for validation of the user's embedded software
- Tool and fasteners for mechanical assembly.

Learn more

- [Watch the video \(3:27\)](#)
- [Read the news release](#)
- [Get M3-LS specifications, data sheet and drawings](#)



The M3-LS Smart Stage Developer's Kit is available now at Digi-Key and Mouser.

Buy now

- [Shop at Digi-Key](#) | [Shop at Mouser](#)

~ Patents

New Scale earns fifteenth patent in twelve years

New Scale Technologies, Inc. has received its fifteenth U.S. patent for miniature piezoelectric motion innovations. US Patent 8,797,152, Haptic Actuator, Apparatuses and Methods Thereof, issued August 5, 2014 to inventors Qin Xu and David Henderson. The patented actuator is a linear "VIBE" actuator that generates vibrations detectable by humans, typically used as an alert system in a handheld or portable electronic device. [Learn more at newscaletech.com](http://www.newscaletech.com)

~ Upcoming Events

See us at SPIE BioS / Photonics West

BiOS Expo
7 - 8 February 2015
Booth #8427

The world's largest biomedical optics and biophotonics exhibition. Held Saturday and Sunday, it kicks off the Photonics West week.

SPIE Photonics West
10 - 12 February 2015
Booth #630

The premier photonics and laser event with more than 1,250 companies. This exhibition continues to be the flagship event to find the latest products, tools, and applications.

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- [Email us](#) if you'd like to arrange a private meeting or demo

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