

# Zaber Introduces T-LSR Stepper Motor Based Linear Stage for Precision Motion Control



Released on = March 16, 2007, 11:32 am

Press Release Author = [Zaber Technologies Inc](#)

Industry = [Industrial](#)

Press Release Summary = The new T-LSR series of computer controlled motorized linear stages extend the range of Zaber's extensive line of stepper motor based motion control devices, offering up to 300mm travel at 0.25um resolution. Multiple stages can be assembled in x-y or x-y-z configuration and daisy-chained to a single USB port or RS232 serial port, greatly simplifying setup and operation.

Press Release Body = Zaber Technologies ([www.zaber.com](http://www.zaber.com)) is proud to announce the launch of its T-LSR series of computer controlled motorized linear stages. These stages extend the range of Zaber's line of precision motion control products offering travel up to 300mm with resolution down to 0.25 um. Zaber's fastest and strongest stages, the T-LSR series can handle loads up to 20kg at speeds up to 20mm/s.



Multiple T-LSR stages may be mounted in x-y or x-y-z configurations without any additional hardware. They are also compatible with Zaber's T-LS series of precision motorized ball bearing stages which offer higher resolution over shorter travel.

Integrated motors and controllers allow T-LSR stages to be daisy chained with all other T-series products and controlled from a single USB or RS232 serial port. Demo control software for a variety of programming environments is available for free download from the Zaber website.



A knob at the end of each T-LSR units permits smooth manual control. For manual operation, the stage need not be connected to a computer. However, if connected to a computer, stage position can be tracked and displayed during a manual move. T-LSR stages may also be controlled by Zaber's T-JOY series of programmable 3 axis joysticks.

For more information on the T-LSR and compatible products please visit the links below:

T-LSR Motorized Linear Stages:

[http://www.zaber.com/products/product\\_group.php?group=T-LSR](http://www.zaber.com/products/product_group.php?group=T-LSR)

**Web Site = <http://www.zaber.com>**

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