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- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
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- ITAR CERTIFIED SECURE ASSET SOLUTIONS

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Experienced engineers and technicians on staff at our full-service, in-house repair center

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## Products:

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- [Microplate Reading](#)
- [Gamma Counting](#)
- [Microplate Washing](#)
- [Stackers & Plate Handling](#)
- [Used & Demonstrator Equipment](#)



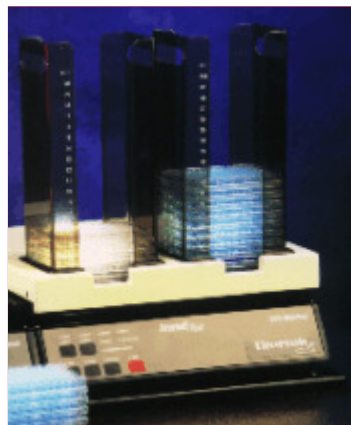
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## STACKERS AND PLATE HANDLING

Whether for high throughput screening, kit production, or general high volume testing, Titertek Instruments provides a number of options for automating your microplate handling.

### S20 Microplate Stacker

The S20 Stacker was designed to interface to a variety of plate processing devices. The S20 Stacker uses removable magazines which can be moved from device to device preserving sample order and assay timing. The "slip-over" feature allows loading of an entire stack of plates in a single movement. The S20 can accommodate 24 and 384 well plates in addition to standard microplates.



Although designed specifically for Titertek equipment, the S20 Stacker can be used as a "plate presenter" for pipetting stations or as a component of a larger robotic system. The S20 Stacker is compatible with the following Titertek devices:

- Multiskan Readers
- M Series Washers
- Multidrop Dispensers

and the S20 magazines are compatible with the integral stackers available with: MRD8 and Dash 96 Processors and the new MAP Series of complete assay processors.

### S60 Microplate Stacker

This new stacker will allow processing of 60 plates in removable magazines (and will also accommodate modified S20 magazines). Visit our [New Developments](#) page to learn more about this stacker, both as part of the new line of M.A.P. microplate processors and as a stand-alone product.

**Robotic Interface**

Titertek Instruments have been used in a variety of robotic settings. Single plate handlers can interface with our equipment as components of a larger, integrated system.

Recently, an exciting approach has been taken by [CRS Robotics](#) to push high throughput to a new level. By using a robotic arm with a higher payload, the CRS A465 moves S20 magazines to different stages of an assay. This concept dramatically increases throughput by freeing the robot for more tasks while an entire magazine of plates completes the assay steps. The throughput limitation becomes the number of peripheral devices connected, as opposed to robot activity.

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