

# ***PennTech Newsletter***

NL# 703  
Date: August 3, 2007

***Quote of the week:***

“Make sure you don’t lose the customers you’ve spent so much energy to acquire.”

***Next Week’s Topic***

*- detailed description of semi-automatic loading and unloading systems -*

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PennTech is proud to introduce its semi-automatic loading and unloading system for Lyophilizers. Two units were recently shipped to one of our customers in India.

The semi-automatic loading and unloading system is very similar to our fully automatic system.

The difference lies in the transport of the vials from the infeed/outfeed (un)loading system to the lyophilizer. With the semi automatic system, the cart (pictured above) is moved (to and from the lyo) by the operator.

Needless to say, with the automatic system, the AGV, (Automatic Guided Vehicle or “cart”) travels to the lyo or infeed/outfeed (un)loading station automatically, either via X-rail or via laser.

PennTech is the only US based manufacturer of automatic and semi-automatic lyophilizer loading/

unloading systems. This is a growing market given the upward trend of cytotoxic product.



Based on the success of the semi-automatic systems, our customer plans on ordering four fully automatic loading systems in the August timeframe.

Brochures are being developed.

**PennTech**  
Machinery Corporation