

FORMATTER PRODUCT LINE

Basic Formatter

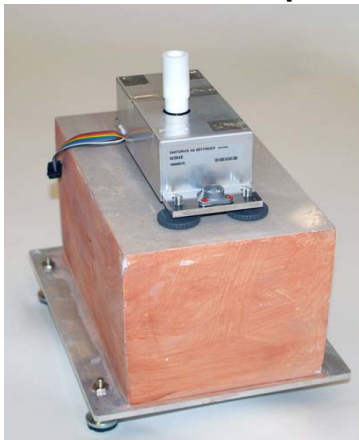


The Formatter is designed to receive incoming samples, in externally threaded cryo vials, as manufactured by Nalgene, Nunc, Corning, Sarstedt, and others of similar size. Under automated programs, derived from the user's LIMS, the vials are sampled and transferred to the 96 well microplate format for further sample processing, without operator attendance.

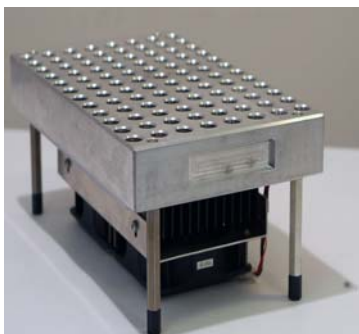
The Formatter is self contained, requiring only power. It is supplied with a dedicated laptop computer for control. It is 26"Dx37"Wx32"H, and weighs about 200 pounds. It is designed for GLP type environments. The software is 21CFR11 compliant. The Formatter is supplied with IQOQPQ documentation and a 1-year warranty on parts and service.

A variety of options are available to meet the user's specific requirements. They are as follows:

Internal Balance Option



This includes the addition of a 4 place Sartorius Balance. The balance rests on its own isolated mounting surface, within the Formatter enclosure. The balance is used to create and verify the pipettor calibration curve on demand. It may also run and record pipettor accuracy, prior to, and after a programmed processing run.



Peltier Cooled Sample Rack – 2ml vials

Actively cooled aluminum vial rack to hold 96, 2ml cryovials, at a controlled temperature of 4°C. Includes the Peltier power supply. Must be ordered with Formatter. It is not a field mounted option.

Peltier Cooled Sample Rack – 5ml vials

Same as 2ml rack, except it will accommodate the additional length of 5ml cryo vials.

Vial Carrier Rack



Light weight aluminum carrier rack to transport 96 formatted vials from refrigerated storage, to and from, the Peltier Racks. Racks supplied with a white chipboard box, for stacking purposes.

Peltier Microplate Nest



Actively cooled microplate nest to hold a 96 well Corning mid-size (700 μ L), or deep well (1ml) plate, at a controlled temperature of 4°C, while on the Formatter.

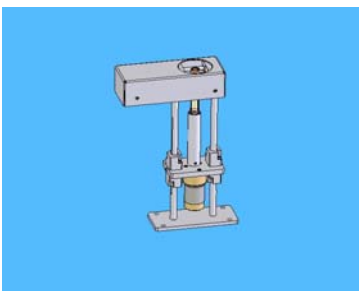
Note: This nest operates from the Peltier rack power supply.

PSID System



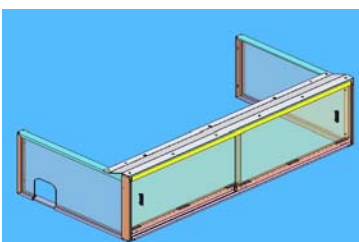
If the incoming sample vials do not have a barcodes that can be reliably read, then the PSID can provide the interface, between sample rack position and the user's LIMS.

Sample Vortexer Option



This option provides means of vortexing the sample vial, prior to sampling. It is program controlled, as to speed and cycling. It operates within the vial sample handling loop.

Formatter Safety Enclosure



Removable front enclosure with sliding door panels. Provides a static enclosure of the operating area. The enclosure may be supplied with a 3" flex hose adapter to an external HEPA filter assembly, (Not Included).

