

Product Information 2015

Connectorate is adding value to traditional and still widely used cell assay products.



Price list: We remain traditional and keep prices unchanged

Inotech Harvester and HIDEX Counter – Best Combination!

Do you often have requirements from customer who want to have a Scintillation Counter or Reader with their Harvester?

No problem for you as our distributor. We offer a HIDEX Counter / Cell Harvester Package in the same price range as our competition and have better quality and more experience with our well-established company.

HIDEX is a worldwide partner with a great client service and local offices around the world. You can contact them directly (www.hidex.com) for questions about the Counter or if your customer needs a service desk.

You will find a description of the Chameleon Multilabel Plate Reader and more information on the following page.



Our Harvester instruments are fitting to their LSC instruments:

- when your customer is using **Microplates** and adhesive sealing tapes or **Filtermats** with Meltilex he needs the **Chamaeleon V 425-158** (MODEL specifically for LSC and Luminescence)
- The **Hidex 300 SL** when he is using 7 or 20 ml **Liquid Scintillation Vials (LSC)** in larger quantities
- **Triathler** a single well counter for low volume user

The instrument can accept **FILTERMATS** or **FILTERPLATES**. It is not to be used with scintillation vials, this means the HIDEX Reader **cannot be offered for Standard Harvesters!**

The Plate Reader includes an instrument control software (MicroWin Lite instrument control/data acquisition software) and is robot accessible.

Plate CHAMELEON™V Liquid Scintillation Microplate Reader

The Plate CHAMELEON V Liquid Scintillation Microplate Reader is the most economical and compact liquid scintillation microplate reader on the market. It is also the only reader that can be combined with temperature control for incubated assays. It comes with the unrivalled sensitivity of the luminometric detection in Plate CHAMELEON that can be upgraded with automatic reagent injectors for flash type luminometric assays.



HIDEX 300 SL Automatic TDCR Liquid Scintillation Counter

The Hidex 300 SL is not only the first automatic TDCR counter on the market, but it is also the most modern Liquid scintillation Counter available. The handling is simple and easy.



LSC Triathler

This Triathler is world famous for its incredibly small size and huge power. The instrument can be equipped with superior Hidex Alpha Beta separation electronics and software that enable super low level detection of alpha isotopes. At nine kilos the instrument is conveniently moved from one lab to another for wipe tests of surface monitoring or taken on field for emergency response applications or environmental radiation monitoring. With the optional field case the instrument is conveniently shipped and stored even in rugged conditions.



Inotech HARVESTER



Improves the quality of your Sample collection on filters

Multiple, most reliable use

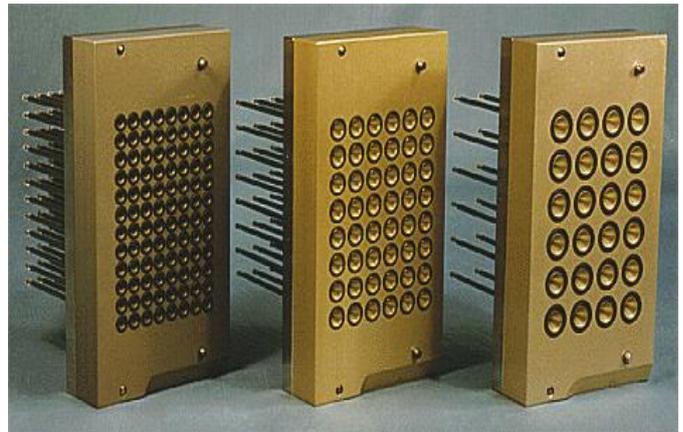
The Inotech Harvester, made by the company Connectorate AG, is a precision instrument for harvesting labelled cells, membranes, proteins and other large molecule complexes from micro-titer plates onto glass fibre filter mats, grid lined filter papers or filter plates. Procedures used with our Harvester are typically: T-lymphocyte proliferation (^{14}C or ^3H incorporation) assays, Receptor binding assays, Trichloroacetic acid precipitation of Nucleic Acids or of immune complexes. The Harvester provides **simultaneous and precise collection of samples** from either 24-, 48-, or 96-well microplates or tubes, and provides for clean, efficient and safe transfer of individually cut filter discs to scintillation vials, or individual samples on grid lined filter sheets, or transfer of samples into filter plates.

Connectorate Harvester is fully resistant to all common wash solutions.

All pipes, connectors and tubing are of resistant plastics or of stainless steel and tolerate salt or acid solutions.

Easy adaption to different plates and filters

The Inotech Cell Harvester features interchangeable 24-, 48, and 96-well processing head plates for easy conversion of the basic Harvester frame unit to any of these formats.



The Inotech Harvester also accommodates a variety of glass fiber filter mats and new glass fiber trays such as Unifilter and Omnifilter trays for use in all Wallac and Packard counting instruments

Standard Harvesters collect samples on filter discs for counting in LSC vials

Filtermat Harvesters collect samples on grid lined filtermats for counting in cassettes

Filterplate Harvesters collect samples on filterplates with integrated glass fiber filters

Unrivalled reproducibility

Cell Harvesting has in view to establish quantitative relationships among samples.

Thereby repeatability and linearity are most important features.

In the Connectorate Cell Harvester all samples are simultaneously collected and washed ensuring not only high throughput, but also exceptional reproducibility, and uniform sample processing.

The uniform steel collection tubes reduce sample drag and resist contamination.

The processing head's interior baffle ensures wash fluids are dispensed uniformly to all wells or tubes. Inter- and Intra-assay variability is reduced to a minimum with CV's typically in the 3-5% range.

Powerfull Pumpstations



IH-280 VACUSAFE

VacuSafe is designed to work with any Inotech Cell Harvesting system, providing controlled dispensing of wash solutions and collecting samples from plates. Depending on the Harvester, several wash solutions can be dispensed under positive pressure for even distribution to each well or tube, and collection bottles can be attached for “hot” and “cold” waste, and a safety trap. Bottles containing wash solutions connect to the compressor system and to the dispensing valves on the Harvester. Waste bottles are connected to the vacuum system and to the aspiration valves on the Harvester. Vacusafe includes the following components:

- Vacuum pump system with controller
- Pressure pump system with controller and security valve
- Security Flasks, 1 PP pressure flask for wash solutions
- Tubings and Fittings



IH-275 VX3-B Vacu-Box

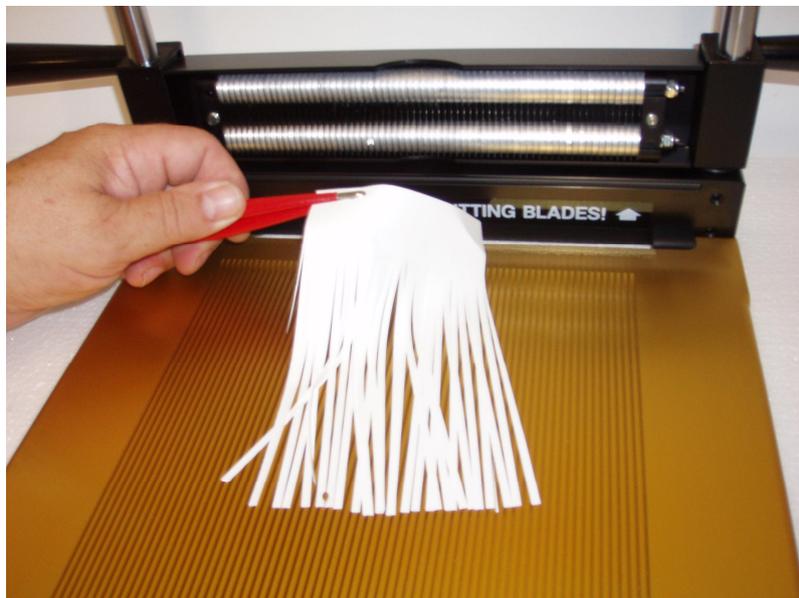
High capacity aspiration station with full electronic control
Pressure pump for dispensing solution as separate station, with controller and security valve

- Capacity: 83L/min.
- Very low vibration strength and quiet run
- Tubings and Fittings
- Without bottles

Membrane Strip Cutter

The unique Membrane **Strip Cutter** enhances productivity by eliminating the tedious, time-consuming hand cutting procedures required for cutting the antigen-immobilized membrane into strips.

It is a precision instrument that cuts nitrocellulose strips with absolute cutting uniformity. Available in models, 3, 4, or 5 mm cutting widths, the Accutran Cutter is capable of cutting sheets (up to 20x25 cm in size) and the cutting cassette drawn across it. The result is a series of uniform strips with a ½-inch uncut edge at the top for ease of handling.



None other comparable membrane cutter product does exist on the research market.

VacuBottle System

For Liquid Aspiration and Dispensing



Application

Vacubottle - continuous liquid aspiration with vacuum.

Pressure Bottle - continuous solution delivery via air pressure.

Safe

Vacubottle - safety-plastic coating over thick-walled glass; OSHA approved; autoclavable. Pressure Bottle - High density polypropylene (HDPP); pressure release plug; autoclavable.

Convenient

Both Bottles - self-sealing, quick-disconnect couplers for quick and safe disconnection of bottle without removing the lid. Wide mouths for ease of cleaning.

Catalog no. IV-530 Vacubottle System (absolutely the best!)

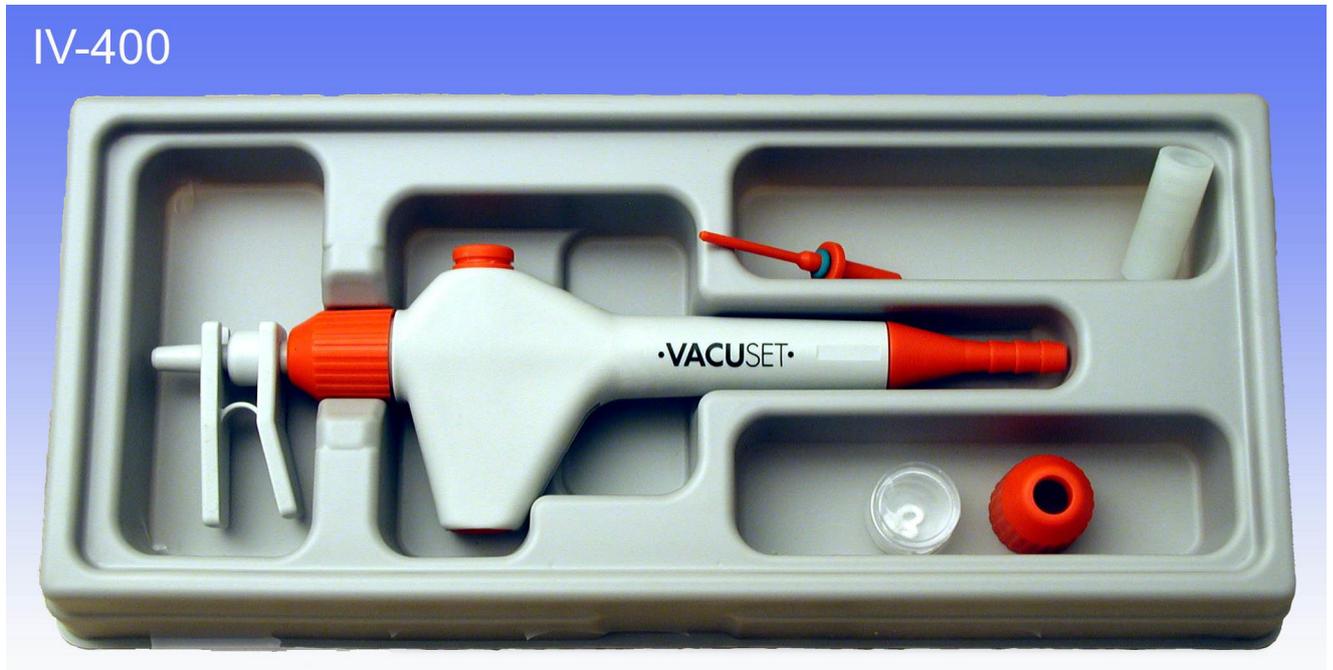
Includes the following components, also sold separately:

- 3 Liter, plastic safety-coated glass bottle, autoclavable (IV-540)
 - Quick twist-off lid with replaceable gasket, two tube fittings, steel thumb-screw pressure release valve (IV-531)
 - Easy-off, steel hose connectors for quick disconnection of hoses from the lid to facilitate bottle transport for waste removal and cleaning.
 - Bottle rack of stainless steel, bench top or wall mountable, 7"w x 7"d x 5"h (IV-535)
- Silicone tube, ~2 meters, 3/16" ID (IV-506-2)

Note: Plastic safety-coating will be removed by repeated autoclaving.

Vacuset Pipettor

Liquid Handling Excellence



The **Vacuset Pipettor**, the most popular Aspiration Handpiece for liquid removal in blotting or microbiological applications can now be delivered with platinum/iridium alloy tips.

Since stainless steel tips of the **Vacuset Pipettor** showed in repeated flame sterilization a rapid weakening of the steel structure we are keen to offer a new stable flame sterilizable tips made of platinum/iridium alloy.

In microbiological laboratories most people use already platinum/iridium loops which are then flame sterilized.

Now we can offer the same quality tip for our **Vacuset Pipettor**.

Simply the best Glass Bead Heater

If your research customer does animal surgery or if he is working with plants then he will welcome our **Glass Bead Heater**.

Glass Bead Heaters destroy microbes, spores in a matter of seconds. The Glass bead Heater will allow to sterilize the surface of your solid metal or glass instruments (scissors, forceps, loops, spatulas, needles) within seconds.

