



PRODUCT BROCHURE

Passion - Precision - Progress



ACCUMAX

BOHLENDER

Dear Valued Customer,

SCIENCE RABBIT LLP is among the leading Marketing company marked by growth, quality products and excellent service. We strive to be at the forefront in bringing the latest technology and leading brands from the global leaders in Laboratory Equipment's, Instruments, Consumables, and Fine Chemicals.

Since inception, **SCIENCE RABBIT** is totally committed to providing value added time bound solutions to our customers by engaging in technical discussion and understanding their need, so as to develop a trustworthy long term business relationship.

Our well-trained service, marketing, technical and administrative personnel make sure to deliver on promises of quality, quantity, and service timelines, thereby providing customers with improved purchase experience & enhanced Satisfaction .

Our Clientele include Pharma/Biopharma Companies, CROs, R&D / Testing laboratories, Food & Beverage Industries, Academic Institutions, Government Departments, Defence laboratories, etc. We are a preferred vendor in most of the Corporate and Premier Institutions.

We value immensely the people who are with us in our journey and sincerely accept that they have been instrumental in our success. We believe in taking them along as our partners in growth.

We strongly believe that our strong business relations with our clients and our business partner have helped redefine the concept of marketing & distribution of Laboratory products in India and we hope to take forward this concept and create many more milestones in our journey.

For more information about us, our products and our business, please browse our website
www.science-rabbit.com

OUR CUSTOMER SEGMENT

LIFESCIENCE	BIOPHARMA
PHARMACEUTICAL	AGRI SCIENCE & BIOTECH
FOOD, FEED & BEVERAGE	CHEMICAL
ENVIRONMENTAL & WATER	RESEARCH INSTITUTION
ACADEMIC RESEARCH	FORENSIC SCIENCES
MICROBIOLOGY	MATERIAL SCIENCES
HEALTHCARE & MEDICAL	SPACE, DEFENCE & AVIATION

ADVENT is an innovation driven company in the field of Fine and Speciality Chemicals . They offer a wide variety of Solvents & Research grade chemicals for Analytical ,Synthetic Chemistry & peptide application. They also provide labelled Pharmacopeia Grade Excipients USP,EP,BP,IP,JP & multicompendial solvents & solids in custom packing .

Solvents for High Performance Liquid & Gas Chromatography (HPLC & GC).

- HPLC /UHPLC /Gradient HPLC / Gradient Premium HPLC.
- LC-MS /UCL-MS .
- GC-MS Grade Solvents.
- GC-HS Premium Grade Solvents.
- GC-HS Grade Solvents.
- HPLC/LCMS –Additives.



Calibration Standards(NIST –Traceble)

- HPLC / KARLFISCHER / MELTING POINT
- GC-Secondary Reference Standards.
- UV Visible Spectrophotometer
- Polarimeter



Products for Peptide Industries

- Solvents for Peptide Manufacturing
- Building Blocks & KSM's
- Reagents for Advance Peptide Building Blocks.
- Peptide Coupling /Activating agents/Cleavage.
- Fmoc Amino acids & Short Peptides.



Conjugated Bile salts

- Microbiological culture media
- Dissolution Testing of drugs

Labelled Pharmacopeia Grade Excipients

- FDA approved , Labelled USP/EP/BP/IP/JP/Multicompendial.
- Auditable manufacturing Facility.
- GLP Certified,ISO/IEC 17025:2017 Accredited testing Lab.
- Documentary support & declaration.

Pharmaceutical Impurities (including Nitrosoamine)

Other Reagents

- Potassium Bromide (KBr)-IR
- AD-Trace Acids – for ICP-MS.
- Ion Pairing Reagents.
- Quaternary Ammonium Salts.
- Deuterated Solvents for NMR



LABSCAN is an innovation driven company in the field of High purity Solvents in Analytical Chemistry .The chromatography reagents delivers and match your expectation by providing high purity accurate, reliable analytical and reproducible results.

Solvents for High Performance Liquid & Gas Chromatography (HPLC & GC).

- HPLC /UHPLC /Gradient HPLC.
- LC-MS /ULC-MS .
- GC-MS Grade Solvents.
- GC- Pesticide Residue Analysis Grade Solvents.
- GC-HS Grade Solvents.
- HPLC/LCMS –Additives.



Other Reagents

- Acids – for ICP-MS.
- Ion Pairing Reagents.

Cat No.	Product Description	Grade	Packing
UM1005-G4L	Acetonitrile ULC-MS	ULC-MS	4lt
UM1115-G4L	Methanol ULC-MS	ULC-MS	4lt
UM1162-G1L	Propan-2-ol ULC-MS	ULC-MS	1lt
UM1200-G1L	Tetrahydrofuran ULC-MS	ULC-MS	1lt
UM1210-G4L	Water ULC-MS	ULC-MS	4lt
LM1005-G4L	Acetonitrile LCMS	LCMS	4lt
LM1115-G4L	Methanol LCMS	LCMS	4lt
LM1162-G1L	Propan-2-ol LCMS	LCMS	1lt
LM1210-G4L	Water LCMS	LCMS	4lt
SG1005-G4L	Acetonitrile Super Gradient	UHPLC	4lt
SG1115-G4L	Methanol Super Gradient	UHPLC	4lt
LC1005-G4L	Acetonitrile HPLC	HPLC	4lt
LC1115-G4L	Methanol HPLC	HPLC	4lt
LC1057	1, 4 Dioxan HPLC	HPLC	1lt
LC1085	N-Hexane 99% HPLC	HPLC	2.5lt
LC1125	Methyl - t - Butyl Ether HPLC	HPLC	4lt
LC1200	Tetrahydrofuran HPLC	HPLC	1lt
HS1050-G1L	Dimethylacetamide, For GC H S	GC HS	1lt
HS1051-G1L	Dimethylformamide, For GC H S	GC HS	1lt
HS1334-G1L	Dimethylsulphoxide, For GC H S	GC HS	1lt
HS1123-G1L	N-Methyl-2-Pyrrolidone, For GC H S	GC HS	1lt
HS1467-G1L	1,3-Dimethyl-2-Imidazolidinone, For GC H S	GC HS	1lt
HS1486-G1L	Benzyl Alcohol, For GC H S	GC HS	1lt
LV1003-G1L	Acetone LVI-GC	LVI-GC	1lt
LV1040A-G1L	Dichloromethane LVI-GC	LVI-GC	1lt
LV1070-G1L	EthylAcetate LVI-GC	LVI-GC	1lt
LV1115-G1L	Methanol LVI-GC	LVI-GC	1lt
UP1137	Nitric Acid 70% Ultra Pure	ICP-MS	2.5lt



AZYTUS MATERIAL SCIENCES Specialized Manufacturer with emphasis on full Spectrum of Fine Chemicals viz. High purity Solvents, Reagents, Metal salts, Specialty Chemicals and allied products. The products are tailored for use in Pharma, Biopharma, Research Institutes and host of other industries, offering a wide variety of Solvents & Research grade chemicals for Analytical, Synthetic Chemistry & peptide application. & solids in custom packing .

Solvents for High Performance Liquid & Gas Chromatography (HPLC & GC).

- HPLC /UHPLC /Gradient HPLC
- LC-MS /ULC-MS .
- ENSURA -GC-HS Premium Solvents.
- GC-HS Grade Solvents.

HPLC Buffers & ION PAIRING Reagents.

- Ortho phosphoric Acid HPLC 85%- 50ml
- Triethyl amine HPLC -50 ml



ENSURA-High Purity Solvents & Additives for LC-MS.

- Acetic Acid-50ml
- Ammonium Acetate-50 gm
- Ammonium Formate-50gm
- Formic Acid -50 ml, (10x1 ml)
- Triflouoroacetic acid -50 ml, (10x1 ml)
- Water -4L



ENSURA-High Purity Acids for Trace metal Analysis.

- Hydrochloric Acid / Hydrogen Peroxide
- Nitric Acid / Sulfuric Acid

Conjugated Bile salts

- Microbiological culture media
- Dissolution Testing of drugs

Other Reagents

- Potassium Bromide (KBr)-IR
- DRY SOLVENTS
- KARL FISHER Reagents 1+, 2+, 5+
- Ion Pairing Reagents.
- Quaternary Ammonium Salts.



HPLC & GC Instruments from BIKAI-Japan-Promises of High Performances, reliability & Value.

HPLC systems Can withstand upto 10,500 PSI (2D UHPLC-16000 PSI) - operating pressure for enhanced separation efficiency. Pressure pulsation suppression. Automated samples handling, distillate collection & analysis with ease. The GC System supports two injection ports ,four detectors. Colour touch screen interface & electronic gas circuit control.



- BIKAI 1511 HPLC System.
- BIKAI 1511 PREP HPLC System.
- BIKAI 1511 BIO HPLC System.
- BIKAI 1511 2D UHPLC System.
- BIKAI 1521 UHPLC System.
- BIKAI GC 2000 Gas Chromatography System.
- BIKAI ULTRA 3000 UV-VIS Spectrophotometer.

BRAND provides high quality German products and premium services to lab professional in India. Whether for Liquid Handling products, classic volumetric instruments in both glass and plastic, BRAND provides Simple, easy, and efficient way of best laboratory practices, Ideal for labs in research, clinical, and industrial settings.

BOTTLE TOP DISPENSERS.

- Precise and reliable liquid dosing
- Bottle Top Dispensette® S-Organic -Digital.
- Bottle Top Dispensette® S-Organic –Analog.
- Bottle Top Dispensette® S-Organic –Fixed Volume.
- Bottle Top Dispensette® S-Trace Analysis.
- Bottle Top Dispensers Seripettor & Seripettor Pro.



BOTTLE TO DIGITAL BURETTES

- For High-precision titration and dispensing
- Offer accurate, controlled liquid measurement.
- Easy drop-wise titration, compact design, high precision .
- Equipped with helpful electronic functions



REPETITIVE PIPETTES & MICROPIPETTES

- Designed to deliver consistent and precise volume.
- Repetitive dispensing, ideal for routine lab applications | aliquoting, plate filling, and serial dilutions,
- Single & Multichannel –micropipettes
- Consistent accuracy, ergonomic design, durable Construction
- Suitable for handling small volumes with utmost reliability



VOLUMETRIC INSTRUMENTS

- BLAUBRAND® glass volumetric flasks fulfill class A requirements.
- Provide batch certificates Or individual and USP certificates or DAkkS calibration certificates for monitoring inspection equipment.
- PFA/PMP –Flask for TRACE METAL Analysis.



ACCUMAX is a renowned global manufacturer of laboratory liquid handling instruments, laboratory plastic consumables, and laboratory benchtop equipment. The company has built a strong reputation for delivering top-notch products that meet the diverse needs of the global market. With a proven track record of excellence, ACCUMAX continue to be at the forefront of innovation in the Scientific industry.

LABORATORY CONSUMABLES:

- Carboys & Jerricans.
- HPLC Safety Caps.
- Media Bottles.
- Centrifuge Tubes/Screw cap tubes.
- Micro Centrifuge tubes.



BIOPROCESS SOLUTIONS:

- BIOMAX Media Bottles with Ports.
- BIOMAX Erlenmeyer Flask with Ports.
- BIOMAX Ventiports & Aseptic Closures
- BIOMAX CARBOYS.
- Reagent bottles.
- Micropipette Tips / Filter Tips / Robotic Tips.
- PCR Consumables / PETRI Plates.



NEUATION Bench Top instruments

- Vortex Mixture / Centrifuge.
- Stirrers (Overhead / Magnetic)
- Shakers & Rollers.
- Hotplates / Dry Bath
- Heating Cooling Incubator.
- Cell Homogenizer.



Brady is a manufacturer of complete solutions that identify and protect people, products and places. Brady's products help customers increase safety, security, productivity and performance and include high-performance labels, signs and safety devices, printing systems and software.

➤ **ABSORBENTS (SPILL KITS)**

- Chemical Spill Kit
- Oil Spill Kit
- Universal Spill Kit
- Pads And Rolls



➤ **LABELS**

- Heat Resistant Labels
- Low Temperature Labels
- Custom Labels
- Metallic Labels
- Permanent Adhesion Labels
- Removable Labels



➤ **LOCKOUT AND TAGOUT**

- Lockout Signs
- Lockout Tagout Tags
- Safety Software And Services
- Valve & Hose Lockouts
- Cable Lockouts
- Battery Lockouts



➤ **PIPE AND VALVE MARKING**

- Arrows And Pipe Banding Tape
- Valve Tag Accessories
- On-Demand Pipe Markers And Tags
- Brass Valve Tags



➤ **PRINTERS AND SCANNERS**

- Printers for Datacomm Jobs and Electrical Work
- Printers for Laboratory
- Printers for Safety Identification
- Handheld Printers
- Portable Printers
- PC Connected



➤ **SIGNS**

- Safety Signs, Confined Space Signs
- Electrical And Arc Flash Signs
- First Aid Signs, Machine Operating Signs
- PPE (Personal Protection) Signs
- Fire And Emergency Signs
- Exit Signs, Evacuation & Shelter Signs
- Hazardous Material Signs, Restricted Access Signs

➤ **TAGS**

- Accident Prevention Tags
- General Safety Tags
- Scaffold Tags
- RTK (Right To Know) Tags
- Inventory Tags



➤ **TAPES**

- Anti-Slip Tape
- Solid Floor Marking Tape
- Glow-In-The-Dark Tape
- Reflective Tape
- Pipe Marking Tape
- Lean/5S Tape
- DOT Reflective Tape
- Caution and Warning Tape
- Barricade Tape
- Stripped & Patterned Tape
- Underground Warning Tape
- Pre-Printed Tape



➤ **SOFTWARE**

- Brady Workstation
- Brady Connect
- Brady Codesoft



CHEMICAL

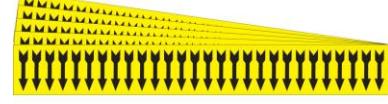
ALCOHOL

HOT GAS

FIRE PROTECTION WATER

BLow OFF WATER

BOILER FEEDWATER



IKA Germany is a 100-year-old company offering a wide range of innovative equipment for numerous applications in research and development. Market leaders trust in our proven technology for their mixing, crushing, heating/tempering, separation and reaction applications.

➤ **MAGNETIC STIRRERS**

- Magnetic Stirrer With Heating
- Magnetic Stirrer Without Heating
- Multi Point Magnetic Stirrer
- Ceramic Top Hot Plate Stirrer
- Stirrer With Integrated Balance
- Stirrer With RS232 Interface



➤ **OVERHEAD STIRRERS**

- Mechanical Overhead Stirrer
- Electronic Overhead Stirrer
- Wi-Fi Controlled Stirrer
- Process Stirrers
- Overhead Stirrer with High Torque
- Overhead Stirrer with High Viscosity



➤ **DISPERSERS / HOMOGENIZER**

- Tube drive homogenizer
- Rotor Stator homogenizer
- Pilot scale homogenizer
- Homogenizer with Reversible Rotation
- Homogenizer with Disposable Systems
- Inline Homogenizer



➤ **MILLS**

- Analytical Mill
- Universal mill
- Tube mill
- Batch Mill
- Inline Mill
- Mills with Disposable Systems



➤ **ROTARY EVAPORATOR**

- Complete System
- Automatic System With Pump
- Manual Lift
- Automatic Lift



➤ **DRY BLOCK HEATER**

- 1,2,3,& 4 Position block heaters
- PT 1000 external sensor
- With Holders & Fixing Elements
- Blocks for Vials, Centrifuge Tubes, Test Tubes, Cuvettes and PCR Plates



➤ **CENTRIFUGE**

- 15K RPM/16K G Force, 1.5/2 ml
- 6K rpm/2K-G, 2 ml



➤ **TEMPERATURE CONTROL**

- Refrigerated Circulators
- Refrigerated And Heating Circulators
- Heating Circulators
- Immersion & Bridge Circulators
- Heating Bath Circulators
- Combined Heating Bath Circulators
- Heating Bath Circulators with Magnetic Stirrer



➤ **SHAKER**

- Orbital
- Reciprocating
- Incubator
- Working With Microtiter Plates



➤ **HOT PLATE**

- Hot Plate for 5 L Capacity up to 550° C
- Hot Plate for 10 L Capacity up to 550° C
- Hot Plate for 15 L Capacity up to 550° C



➤ **VACUUM PUMP**

- Up to 2 mbar with Solvent Library
- Up to 2 mbar and 22 L/Min
- Up to 7 mbar and 28.3 L/Min



➤ **ELECTROCHEMISTRY KIT**

- ElectraSyn 2.0 combines three products – Electrosynthesis, CV and RT Stirring.
- Setup Constant Current or Constant Voltage Reactions in the most intuitive way.
- The IKA ElectraSyn App enables CV experiment monitoring, data transfer and various other functions.



HABITAT – BIOREACTOR & FERMENTOR

FEATURES:

1. Compact, space-saving design, dimensions: 223 x 402 x 450 mm (WxDxH)
2. Large tablet for clear operation (10,4 inch)
3. Intuitive, easy-to-use software with a lot of functionalities.
4. 4 integrated fast-load pumps (Watson Marlow)
5. Connectivity: USB, PC, RS232, ethernet, external signal input, external pump, single-use unit, thermostat
6. Data storage
7. Gas supply with 4 built-in mass flow controllers: e.g., for O2, Luft, N2, CO2
8. Status LED display: direct error display by indicator light

HABITAT cell enables the measurement of the following parameters by means of sensors:

- pH
- DO (dissolved oxygen)
- Temperature
- Filling level
- Foam



PHOTO BIOREACTOR

The HABITAT photocell control unit package of the HABITAT research bioreactor is used to monitor and control the bioprocess. With the help of the LED panels included in the scope of delivery, the system can be used as a photobioreactor, for example for algae cultivation. The adjustment of the light intensity enables the simulation of the day-night rhythm. Furthermore, the package includes the control unit with all connection options for the gas supply, liquid addition, sensors and temperature control as well as a tablet for simple and clear operation of the bioreactor.



Control and Monitoring

The bioprocess and all associated test parameters can be easily controlled and monitored via the tablet attached to the control unit and with the help of the intuitive and easy-to-use software. Depending on the type of cultivation, you can choose between the operating modes batch, fed-batch and perfusion/continuous. The new Chaotic Mixing function ensures faster and more effective mixing when required. The 10.4-inch tablet allows direct access to all actuators directly on the main screen. A clear calibration management, a diagram overview and the complete documentation of the process round off the operation. A software version that meets FDA CFR Part 11 requirements is available as an option.



THERMOSHAKER

HEAT – COOL - SHAKE

The MATRIX thermoshakers combine up to three functions in one device. They mix, mix and heat, heat and cool or mix, heat and cool reliably the smallest sample quantities in, for example, PCR and deep well plates as well as reaction vessels of all kinds. The temperature control and mixing devices are the ideal companions for sample preparation in laboratories with molecular biological, pharmaceutical or biochemical focus.



Mixing

- MATRIX Orbital



Mixing And Heating

- MATRIX Orbital Delta FP
- MATRIX Orbital Delta F0.5
- MATRIX Orbital Delta F1.5
- MATRIX Orbital Delta F2.0



Heating And Cooling

- MATRIX Delta Plus



PIPETTES

The IKA pipette portfolio consists of a total of 24 models: ten single-channel pipettes with fixed volume, eight with variable volume and six multichannel pipettes with 8 or 12 channels for precise pipetting in microtiter or deep-well plates.

The dosing devices are available with volumes from 0.1 μ l to 10 ml, offering the broadest possible flexibility for liquid handling in any modern laboratory. Three handles in different sizes and materials are included with each pipette. Ergonomic and precise liquid handling is thus guaranteed.

Available in

- Multi Channel Pipettes, Variable Volume
- Single Channel Pipettes, Fixed Volume
- Single Channel Pipettes, Variable Volume

Single Channel Variable

- 0.1-2 μ l
- 0.5-10 μ l
- 2-20 μ l
- 10-100 μ l
- 20-200 μ l
- 100-1000 μ l
- 0.5-5 ml
- 1-10 ml

Multi Channel Variable

- 8 x 0.5-10 μ l
- 8 x 10 -100 μ l
- 8 x 20-200 μ l
- 12 x 0.5 -10 μ l
- 12 x 10-100 μ l
- 12 x 20-200 μ l



STACKABLE INCUBATOR & INCUBATOR SHAKER

INC 125 FS digital is the first incubator shaker with a patented removable shaker platform that supports both static and shaking incubation. When the shaker platform is taken out, the device can be used as normal incubator. The incubator shaker is the perfect solution for cell cultivation and other microbiological applications as it convinces with a high temperature stability performance and a smooth shaking process that improves oxygenation of the sample.

- INC 125 F Digital
- INC 125 FS Digital (SP20)
- INC 125 FS Digital (SP25)



DRYING OVEN

Universal oven for tempering, drying, aging and heating application in the laboratory.

The IKA OVEN 125 basic dry covers applications in industry, schools / universities, research, quality control and science. Fast heat up times and a precise temperature control guarantee reproducible test results. A special odorless insulation also ensures lower operating costs.

The oven can be controlled by USB and test parameters can be recorded for further analyses.

- IKA Oven 125 basic dry
- IKA OVEN 125 basic dry-glass
- IKA OVEN 125 control-dry
- IKA OVEN 125 control-dry glass



VISCOMETER

1 to 320,000,000 mPas - the four viscometers of the ROTAVISC series measure in different viscosity measuring ranges from thin juices to highly viscous pastes. Various spindles, stands and software for networking temperature control devices and sensors are available as accessories, depending on the requirements.

The ROTAVISC viscometer series determines the viscosity of liquids in all areas of application ranging from the laboratory to quality control. The four devices measure in different viscosity ranges. Regardless of a simple or demanding viscosity measurement – the ROTAVISC viscometer delivers rapid and accurate results.

- Low Viscous – Up to 6000000 mPas
- Medium Viscous – Up to 40000000 mPas
- High Viscous – Up to 80000000 mPas

- Viscometer Packages With Ball Bearing
- Viscometer Packages With Jewel Bearing



Grant Scientifics delivers high-quality, reliable, and user-friendly scientific solutions that empower customers to make meaningful contributions to research, healthcare, and environmental sustainability.

Chillers & Coolers

- LTC4R –Refrigerated Circulating Bath.
- R4R Series Refrigerated Circulating Bath.
- R52 Series Refrigerated Circulating Bath.
- Ecocool Refrigerated Circulating Bath.
- Refrigerated Immersion cooler



WATER BATH

- Heated Circulating Bath .
- Shaking Water bath.
- Ultrasonic Bath .
- Unstirred Water Bath.



DRY BLOCK Heater

- Dry Block Heating/Cooling
- Microtubes
- QB series



LIFE SCIENCE

- Densitometer .
- Centrifuges.
- Orbital Shaking Incubators.
- Thermoshakers.
- UV PCR Cabinets.
- Personal Bioreactors.
- Compact CO2 Platform Shaker



➤ AIR CONDENSER -WATERLESS CONDENSER

The Asynt CondenSyn Waterless Air Condenser is a unique glass condenser, handmade individually in the UK, that requires no cooling water for operation.

200 mm recommended for use with flasks up to 100 mL in size†

350 mm recommended for use with flasks up to 500 mL in size†

450 mm recommended for use with flasks up to 1000 mL in size†



➤ PRODUCT RANGE

CondenSyn air condensers - simple and safe to use – with no risk of flooding

Solvent	DCM	Acetone	THF	Ethanol	Acetonitrile	Water*	Toluene
<i>bp [°C]</i>	40	56	66	78	82	100	110
<i>oil bath [°C]</i>	50	71	78	100	100	120	125
<i>difference [°C]</i>	10	15	12	22	18	20	15
<i>time [min]</i>	240	360	300	300	300	240	300
<i>%-loss (total)**</i>	-0.8%	-1.3%	-1.4%	-0.5%	-0.9%	-1.6%	-0.9%
<i>%-loss per hour</i>	-0.2%	-0.2%	-0.3%	-0.1%	-0.2%	-0.4%	-0.2%

GB-C-200-B14 200 mm with B14 socket

GB-C-200-B19 200 mm with B19 socket

GB-C-200-B24 200 mm with B24 socket

GB-C-350-B14 350 mm with B14 socket

GB-C-350-B19 350 mm with B19 socket

GB-C-350-B24 350 mm with B24 socket

GB-C-350-B29 350 mm with B29 socket

GB-C-450-B14 450 mm with B14 socket

GB-C-450-B19 450 mm with B19 socket

GB-C-450-B24 450 mm with B24 socket

GB-C-450-B29 450 mm with B29 socket

GB-C-DIST-B24 Distillation adapter for use with B24 socket CondenSyn

GB-C-DIST-THERM Thermometer and adapter set with B24 socket

* Not more than half full.

➤ DRYSYN VORTEX – PARALLEL MIXING

A mechanical gearbox converts the drive of one standard overhead stirrer motor into 3 shafts for powerful overhead stirring, with heating provided by any standard laboratory heating plate.



The DrySyn Vortex perfectly complements the standard range of DrySyn MULTI inserts for round bottom flasks, from 100 mL up to 500 mL.

- Operates with only one overhead stirrer for up to three 500 mL round bottom flasks.

- Perform multiple reactions with one overhead stirrer, whilst maintaining a compact footprint

- Accommodates up to 3 x 500 mL round bottom flasks.

- Compatible with DrySyn MULTI 100 mL, 250 mL & 500 mL inserts

- Temperature range: up to 200 °C

- Speed range: 50 – 500 rpm

➤ DRYSYN

- DrySyn Single Position Blocks
- DrySyn Multi Position Blocks
- DrySyn Low Temperature Range
- DrySyn Reactors
- DrySyn Overhead Stirring
- DrySyn Accessories



DrySyn Classic Base -Underside



DrySyn Classic Kit 25ml Insert



DrySyn Classic Base with 500 ml



DrySyn Multi Position Block



DrySyn Single Position Block



DrySyn UNO Base

➤ DRYSYN REACTORS



DrySyn OCTO_PLUS Reaction Station



DrySyn Spiral Evaporator



DrySyn SUPER MAXI



DrySyn OCTO Mini



DrySyn OCTO Reaction Station



Snowstorm Reactor

➤ f REACTOR

From small scale modular benchtop *f*Reactor Flow Chemistry platforms with options to suit various temperature or material requirements, through to more advanced systems for multi-step and automated reaction sequences.

With a comprehensive range of accessories, and dedicated Flow Chemistry on-line learning platform at www.fReactor.com, Asynt have a wealth of experience in Flow Chemistry and can assist you in all your related requirements.



- 5 x PEEK *f*Reactor Classic modules, each 1.8 mL
- 1 x aluminium holding plate with thermocouple hole & protective screen
- 15 x Viton o-rings
- 6 x PTFE cross stirrer bars
- 20 x flangeless PEEK fittings with ETFE ferrules
- 15 x Tefzel blanking plugs
- 2.5 m x PTFE tubing
- 1 x tube cutter
- 1 x hex key

➤ f REACTOR - PHOTOFLOW

The ***f*Reactor PhotoFLOW** module was developed by the University of Leeds in conjunction with Asynt and gives scientists the potential to develop and expand their Flow Chemistry work quickly and easily to include photochemistry. This new addition to the Asynt *f*Reactor Flow Chemistry platform is manufactured in the UK and currently available in two wavelengths to suit your requirements:

- 450 nm (Blue) 10w LED COB chips
- 365 nm (UV) 10w LED COB chips

Available to purchase individually, each *f*Reactor PhotoFLOW module is positioned over the desired *f*Reactor position in your set-up with easy-to-use plug-and-glow technology. With a fully customizable configuration possible, you can choose to use just one of these compact Photo modules on one of the 5 *f*Reactor CSTRs or add further Photo modules for up to five positions running simultaneously. You can run all five of these from just one power supply using optional splitter leads. Each module includes an individual cooling fan to ensure temperature control to the contained CSTR.



- Choice of two models initially available:
 - 460 nm (Blue) 10w LED COB chips
 - 365 nm (UV) 10w LED COB chips
 - Other wavelengths available on request as custom orders
- *f*Reactor PhotoFLOW photochemistry reactors available individually for easy customization of your reaction setup
- Suitable for heating up to 55 °C max
- One power supply is sufficient for up to five modules via connection splitter & Designed and manufactured in the UK



LightSyn Lighthouse

The LightSyn Lighthouse is ideal for photochemists looking to obtain equal photon flux throughout their reaction medium. The reduced distance of the light to the sample, by channeling the light through quartz into the sample, increases the power the medium is exposed to.



- **Temperature:** Ambient to 80 °C
- **Temperature with cooling ring:** -30 °C to 80 °C (dependent on circulator system)
- **Stirring:** Magnetic stirring with agitation bar
- **Internal capacity:** The lighthouse can hold 18 mL plus a stirrer bar, maximum volume.
- **Base capacity:** Either single, or up to 3 positions
- **Inlets:** 1 Gas inlet (hosebarb for 8mm ID tubing included) and 2 inlets/outlets (for sampling/additions)
- **LED:** 10 W
- **Material:** Anodised aluminium

Illumin8 Parallel Photoreactor

Asynt's LightSyn Illumin8 parallel photoreactor is ideal for safe, benchtop parallel photochemistry. Working closely with some of our key customers we took their "go to" tool for parallel screening, our OCTO parallel reactor, and developed a high-powered LED photo array to compliment it. Illumin8 is a no-compromise, safe, well-engineered module based on the [DrySyn OCTO MINI](#) 8-position reaction station with magnetic stirring and optional heating via any standard hotplate stirrer.



- **Most popular LED modules:** Royal Blue 450 nm LEDs OR 365 nm LEDs.
- **Other wavelengths include** UVA LED 390-395 nm, Violet LED 405 nm, Blue LED 460-470 nm, Green LED 520-525 nm, Yellow LED 590-595 nm, Red LED 620-625 nm, Deep Red LED 650-660 nm.
- Other wavelengths available upon request
- Each reaction tube has a dedicated 10 w rated LED COB light source
- 8 position photoreactor, utilizing DrySyn OCTO parallel reactor
- 8 x reaction volume from 1 mL to 8 mL
- Even photon flux to each reaction
- Sampling & additions possible to individual reaction tubes whilst in operation
- Heating up to 80 °C
- Low-cost consumables
- Safe and simple to use



➤ **HIGH PRESSURE REACTORS**

1. ASynt pressure reactors in both single and parallel format are available in convenient standard configurations or fully customized to meet your specific requirements.

PressureSyn – High Safety Reactor

1. Designed, manufactured & tested in the UK, from traceable certified 316 stainless steel.
2. Maximum working pressure of 180 bar & 200 °C
3. Comes with a pressure relief valve, and a bursting disk as standard.
4. Unique bracket with locking clasp so the system can be easily set up and disassembled but cannot be disassembled when under pressure.
5. Agitation via magnetic stirring bar.



High Pressure Single Reactors

1. Standard low-pressure models have design pressure of 55 barg, operating pressure of 50 barg.
2. Standard high-pressure models have design pressure of 200 barg, operating pressure of 180 barg.
3. 316 stainless steel or Hastelloy C276 but other options available upon request
4. Fail safe mechanism and optional bursting disc
5. Ideal for homogeneous and heterogeneous catalysis studies
6. Gas insertion feed excellent for hydrogenation reactions



Quadra Cell 4 Position High-Pressure Reactors

1. 4 x 10ml Cells
2. Pressure Rating of either 50/100/200 Bar
3. Stainless Steel 316 build as standard
4. Other materials available such as Hastelloy C276
5. Alternative means of temperature control and agitation available



Multicell Parallel High-Pressure Reactors

1. 10×30 ml vessel in 316 stainless steel
2. 100 Bar @ 300° C
3. 316 stainless steel
4. Fail safe mechanism
5. Homogeneous and heterogeneous catalysis
6. Screening
7. Parallel Synthesis



Multicell-PLUS Parallel High-Pressure Reactors

1. 8 x 30 ml cells as standard, but 4,6 and 10 cell arrangements possible with individual cell volumes up to 100 ml
2. Standard Unit Operates up to 50 barg and temperature up to 200° C
3. Options up to 200 barg and temperature of 300° C and beyond
4. Compact footprint of Ø220 mm for 4 & 6 cells units & Ø310 mm for the 8 & 10 cell assemblies
5. Unique Multicell-Plus safety interlock



LAB REACTORS - REACTOMATE

Designed with user-friendliness in mind, the numerous innovative features of the ReactoMate DATUM support make it the ideal addition to your laboratory. Suitable for vessels from 100 mL to 5,000 mL, this support allows you to replace multiple reactor setups with one versatile and reliable system.

Changing a vessel is as simple as “Clip & Click”: the novel neck clamp is designed to allow fast changeover between reactor vessel sizes thereby enabling simple synthesis scale up. The ingenious mounting mechanism ensures excellent stability and alignment every time and is easily set up for left or right-handed use.

With a wide range of accessories and upgrades available, including quick-release couplings and drain manifolds, the ReactoMate DATUM support really is the perfect all-rounder for laboratory scale reactions.

- Stunning, safe and practical system for 100 mL to 5,000 mL.
- Constructed from the highest quality stainless steel and anodized aluminum, the dual-rod design provides a sturdy yet compact reaction station.
- Tuning, safe and practical system for 100 mL to 5,000 mL.
- Low-friction polymer bearings line both the overhead stirrer alignment chuck and the neck support to ensure a smooth and easy operation.
- The DATUM neck clamp makes changing vessels as simple as “Clip & Click” – see our video!
- Fully compatible with all leading brands of overhead stirrers and circulator heating/cooling systems.
- Built to operate over a temperature range from -70 °C to +220 °C the ReactoMate Datum PT100 temperature probe linked directly to the heating/cooling circulator ensures accurate solution temperature control.
- Wide range of accessories and upgrades available, including optional automation packages.



LAB REACTORS – 50ml to 5L PILOT SCALE – Up to 50 L
PROCESS SCALE – Up to 100 L



MOC Available: GLASS, SS(Stainless Steel),
Inconel & Titanium

UniQsis is the home of [Flow Lab](#) entry level and [Flow Syn](#) fully integrated benchtop continuous flow reactors. Designed by chemists for chemists, UniQsis makes flow chemistry accessible to novices while at the same time catering for multi-step and [automated reactions sequences](#). [Start with a low-cost Flow Lab or standalone Flow Syn system and simply upgrade as the need arises by choosing from our](#) comprehensive range of material options, reactor modules and automation and accessories.

➤ **THE FLOWSYN SYSTEM.**

➤ FlowSyn is a compact integrated continuous flow reactor designed for easy, safe and efficient operation. ➤ Two high pressure pumps deliver reagents, via a mixer, into electrically heated or cooled flow reactors. Back pressure regulators pressurize the system, allowing solvents to be superheated. Reaction outputs can be fractionated or optimized at steady state, after which the system automatically flushes itself ready for the next experiment.

➤ UniQsis offers a comprehensive range of FlowSyn models and flow path options (PEEK, PTFE, Stainless Steel and Hastelloy®) to cater for all major flow chemistry applications. Product Range of FlowSyn are mentioned below

1. FlowSyn
2. FlowSyn Auto-LF II
3. FlowSyn Maxi
4. FlowSyn Polar Bear
5. FlowSyn Multi-X
6. Hot Coil – Coil Reactor Heater
7. Binary Pump Module
8. Flow Lab Plus
9. Hot Chip – GSM Heater Module
10. Flow Lab Systems
11. Polar Bear Plus GSM
12. PhotoSyn
13. Polar Bear Plus Flow



BOREALIS – PHOTO –FLOW REACTOR

The UniQsis Borealis™ is a high intensity LED lamp unit, available in a range of fixed wavelengths that converts the existing [Cold Coil™](#) standalone coil reactor module into a flow reactor for photochemical applications.

The complete system comprises of the Borealis LED lamp unit, a 15ml FEP coil reactor (with an internal temperature sensor), the [Cold Coil™](#) standalone reactor module and a programmable power supply. Both the LED lamp and the reactor module require independent liquid cooling using either a piped water supply or a closed loop recirculator.

Borealis LED lamps of different wavelengths are automatically detected and configured when connected to the power supply. The complete system is fully light-tight and fitted with a safety interlock.

- Available Standard Wavelengths 365, 385, 425, 440, 460, 525nm
- Maximum Input Power 180 W
- 15ml FEP Coil reactor with internal temperature sensor
- Converts Cold Coil to Photoreactor
- Fitted with Safety Interlocks
- Variable Intensity, Programmable Power Supply
- Compatible with Piccolo heat exchanger or standard recirculators
- Compatible with Solstice BATCH Photoreactor



VACUUM & LIQUID TRANSFER PUMPS

These German made new Laboratory Vacuum pump system guarantees maximum performance and safety in the laboratory, tailored to your individual need. Pumps available for Liquid & Gas Medium. Ultimate Vacuum ranging from 2mBar to <130mBar and flow Rate ranging from 7Lpm to 60Lpm. Liquid transfer pump -Maximum Flow Rate is up to 3Lpm.

➤ LAB PUMPS & SYSTEMS

Pumps Available for Applications such as Centrifugal Concentration, Degassing, Desiccation, Distillation, Filtration, Fluid Aspiration, Gel Drying, Liquid Dosing/Metering, Liquid Transfer, Rotary Evaporation, Solid-Phase Extraction & Vacuum Oven in Laboratory.

➤ APPLICATIONS

DISTILLATION



CENTRIFUGAL CONCENTRATION

DEGASSING



DESICCATION



FLUID ASPIRATION

FILTRATION



GEL DRYING

LIQUID DOSING & METERING

LIQUID TRANSFER



ROTARY EVAPORATION

SPE – SOLID PHASE EXTRACTION

VACUUM OVEN



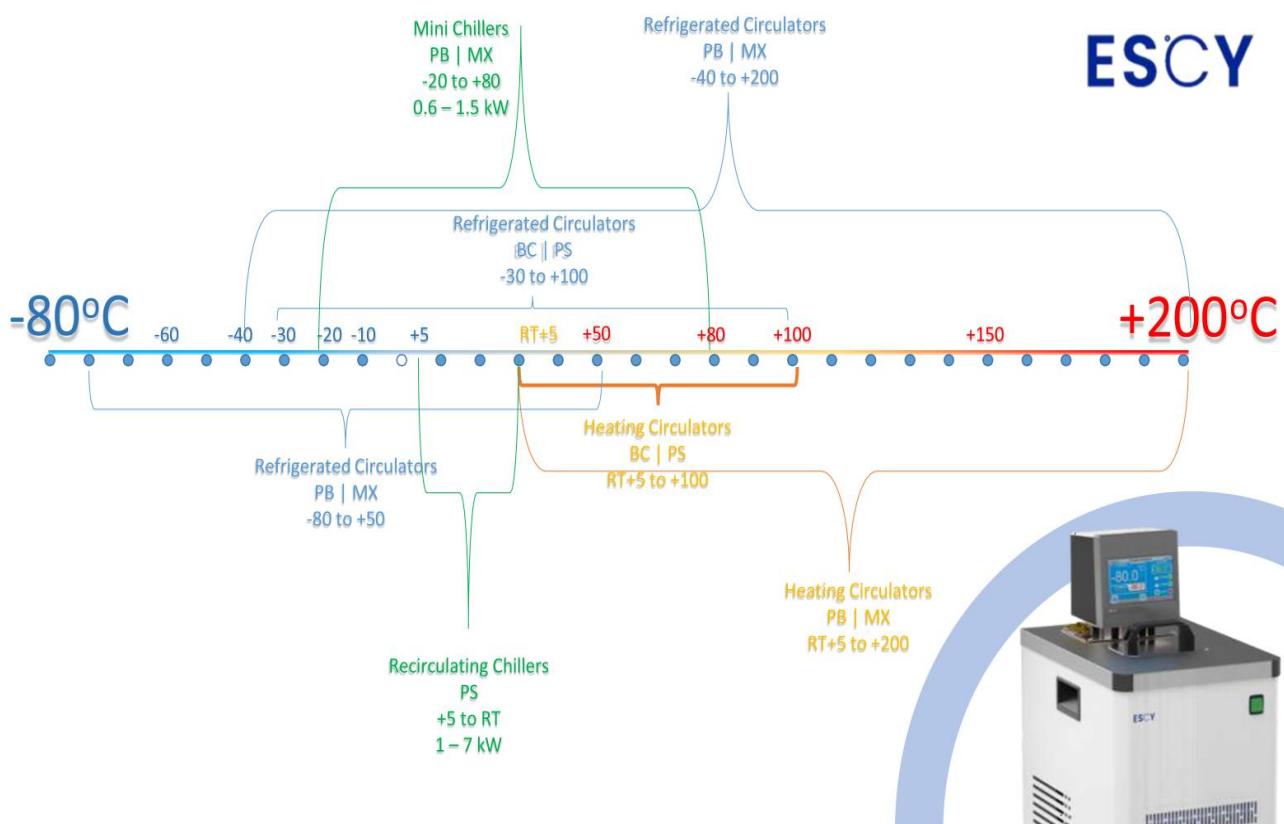
ESCY has been a premier manufacturer specializing in precise temperature Control instruments for more than 25Years. The Company delivers Optimal temperature control solutions in the below segment.

Product Categories

- Heating Circulators
- Refrigerated Circulators.
- Mini Chillers | Recirculating Chillers
- Immersion Circulators | Immersion Coolers.
- Unstirred Water Baths.



Circulators | Chillers



Longer Precision Pump Co. Ltd. was founded in 1997 and was acquired in 2013 by Halma plc, a UK-based FTSE 100 global group of life-saving technology companies.

Since 1997, we have specialized in the research, development, manufacturing, and sale of precise fluid transfer and handling devices. Longer Pump has always prioritised customer satisfaction, and we provide safe, high accuracy, and high-quality fluid transfer devices and solutions to our customers.

➤ **Peristaltic Pump**

- ❖ Basic Type
- ❖ Intelligent Type
- ❖ Flow Rate Type
- ❖ Dispensing Type
- ❖ Industrial Type
- ❖ Peristaltic Pump Head
- ❖ Peristaltic Pump Tubing
- ❖ Pump Accessories



➤ **Syringe Pump**

- ❖ Laboratorial Syringe Pump
- ❖ Industrial Syringe Pump



If it's a matter of quality we, as a manufacturing company, will not leave anything to chance. BOLA stands for: Construction, production, quality assurance, storage and service – you will get the whole package. Many advantages which help to create smooth and efficient work processes in your lab.

- Stirring Mixing
- Screw Joints / Components with GL Thread
- Screw Joints and Components for EX-Protection
- Screw Joints for Pressures up to 5 Bar
- Tubing, Films, Tiles
- Ground Joint Components
- Temperature Measurement
- Vessels and Distillation Equipment
- Screw Joints for HPLC
- Filtration
- Pumps
- Eco Stopcock Plugs
- Spare Parts



Platinum Cured Silicon Tubing

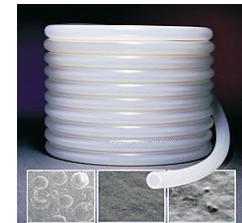
Sani-Tech Ultra  PureFit SPT 60

Features:

- Ultra-pure biopharmaceutical grade platinum-cured tubing
- Unsurpassed surface smoothness and flexibility
- Fully characterized and tested to USP, ISO, and FDA criteria
- Autoclavable and sterilizable

Benefits:

- Facilitates validation process .
- Eliminates extractable and contamination concerns
- Fully traceable for quality and document control



Thermoplastic Elastomer Tubing

PharmaPure  

Features:

- High-performance long-lasting pump tubing
- Low particulates
- Fully tested to USP, FDA, and ISO requirements
- High temp. capability to withstand SIP and CIP cycles

Benefits:

- Outlasts silicone tubing up to 30 times in pumps
- Characterized to facilitate validation
- Minimal extractable to insure biological consistency



Sani-Link™ Ultra

Platinum-Cured Manifolds



Sani-Link Ultra is an industry first with a patent. The manifold minimizes/ eliminates the need of fittings, connectors or assembly thereby eliminating all points of contamination or leakages.. The design and assembly will be made with single molding and provided in a Gamma sterilized, package.

Bio-Simplex™ C-FLEX Sampling Manifold Systems



Simplex™ Sampling Manifold Systems are available with either four, six, eight or ten 60mL sampling bottles and an additional 500mL purge bottle at the end of the manifold. Each 60mL PETG bottle is connected to the Bio-Simplex™ manifold with 10 inches of tubing with a clamp, an EZ Top® container closure, a 0.2µm vent filter and polyethylene cap. All EZ Top®, tubing and manifolds are made from animal derived component free(ADCF) pharmaceutical grade C-Flex® thermoplastic elastomer(TPE) resin—engineered to ensure an unobstructed fluid path, a secure elastomeric seal against each bottle with extremely low levels of extractables

Labor Security System is a company consisting of a team of people, whose mission is to create laboratory cabinets able to assure safety and protection.

The production processes have been refined and optimized over time in order to pass tests and obtain certifications in compliance with the European reference standards (EN 14470-1, EN 14470-2, EN 16121, EN 16122, EN 61010- 1).

The introduction of EN 14470-1 raises the level of safety in Italy.

A safety cabinet has a fire resistance, referred to as TYPE, which can be 30, 60 or 90 minutes. This results in the following classifications:

- TYPE 30
- TYPE 60
- TYPE 90

Purpose of the cabinet: to provide a sufficient degree of protection in the event of a fire to allow firefighters and rescue teams to intervene before a more serious fire occurs due to the combustion of flammable substances. Each cabinet must have a certification following a fire test. Fire tests must only be performed at an institute certified by the ministry.

1. SAFETYBOX – Flammable
2. SAFETYBOX – Chemicals, Acids and Bases
3. KEMFIRE – Chemicals And Flammables
4. SAFETYBOX – Compressed Gas
5. CARBOX – Harmful Fumes Filtration
6. UTILITIES





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