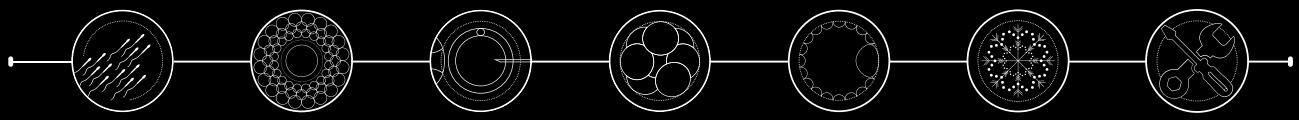
Nexpring Health™

Discover our 40-year legacy of trust at NexpringHealth.com

Capital Equipment Catalog

Confidence at Every Step, Comprehensive ART Solutions



Pre-IVF Diagnosis and Sperm Prep | OPU and IUI | IVF / ICSI / Biopsy | Gamete and Embryo Handling | Embryo Transfer | Cryo-preservation | Lab Management

Powered by Nexpring Health

Cook Reproductive Health | HAMILTON THORNE | IrvineScientific | PLANER | IVFtech

GYNEMED | GYNÉTICS | MICROPTIC | TEK EVENT | EMBRYOTECH LABORATORIES

Welcome to Nexpring Health

Redefining the future of ART. Together.

The Nexpring Promise

Nexpring = Next + Spring

A fresh era in fertility care, committed to bringing new solutions that support your success and solve your everyday challenges.

Our Purpose:

Putting you, the embryologist, clinician, and fertility clinic, at the center of everything we do.

Who We Are:

Industry leaders united as one global force, delivering complete solutions, dedicated to advancing ART.

Powered by Nexpring Health

Cook Reproductive Health · Hamilton Thorne · Irvine Scientific · PLANER · IVFtech · GYNEMED · GYNÉTICS · MICROPTIC · TEK EVENT

Confidence at Every Step,
Comprehensive ART Solutions.

Consumables →

ET catheters, glass pipettes, IUI catheters, polycarbonate pipettes, and OPU needles.

Media →

Culture media, oils, gamete and embryo handling solutions.

Capital Equipment →

Incubators, lasers, sperm analyzers, workstations, and lab infrastructure.

Services

Lab Build Solutions: Complete lab design, equipment sourcing, and implementation.

NexTech Global Support: Service plans, equipment maintenance, and technical support.

Nexperts Clinical Education: Clinical consultation, education, and expert guidance and community.

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NARISHIGE Micromanipulators

Engineered for reliability in your lab

FDA 510(k)
Cleared
*where applicable

EU-MDR ✓
EU-IVDR ✓
Compliant
*where applicable

ISO
Certified
Manufacturing

Biopsy Lasers

LYKOS®/LYKOS® DTS



Provide high-definition imaging of the embryo and computer-controlled accuracy to perform IVF procedures with ease. Choose between a fixed or movable laser system to fit your lab's needs! Hamilton Thorne's LYKOS with DTS is intended for in vitro fertilization (IVF) laboratory use in assisted reproduction (ART) procedures to ablate a small, tangential hole or thin the zona pellucida of select IVF oocytes or embryos to facilitate assisted reproduction hatching procedures and to biopsy trophectoderm cells for purposes of preimplantation genetic diagnosis (PGD) or screening (PGS). Providing a safe, efficient method for laser treatment in the following IVF applications.

- Assisted hatching.
- Zona pellucida thinning.
- Embryo biopsy.*

* Worldwide availability. EU: biopsy use only.

Dynamic Targeting System Laser: LYKOS with DTS provides computer-controlled accuracy and advanced targeting features during assisted embryo hatching or biopsy.

Product Description:

- 6 Laser Paths: Single shot, Line / Curve, Freehand, Multipoint, Rectangle, Circular Arc. (Lykos DTS only.)
- 3 laser modes, Clinical, Validation and Multi-pulse.
- Automated Calibration: Calibrate the system using the automated initialization process which can be activated at any time from the control panel. Lykos DTS only.
- Built-in Quality Control Reporting: Allows viewing of the results of the daily verification in both numerical and graphical form. (Lykos DTS only.)
- Isotherm Rings for Temperature Indication: This safety feature indicates the drill hole size and the maximum temperature reached at the ring diameter. The isotherm rings automatically adjust for every power and pulse time combination.
- The Red-i target provides a visual indication of the laser spot which is not visible since it is in infrared wavelength. The Red-i can be precisely adjusted to ensure it always aligns with the laser position. The Red-i is always in focus and has adjustable brightness level.

IVF Workstations

IVFtech Sterica

Sterica cabinets are designed to protect the samples with a constant flow of clean air and are manufactured to meet the specific requirements of IVF laboratories with a vertical laminar flow of clean air covering the whole surface area.

Product Description:

IVFtech Sterica is completely customizable:

- Range of sizes.
- Configurable with heaters/microscopes, sample stations, and more.



IVFtech Classica

Classica cabinets are designed to protect both the samples and the people working with the samples through recirculating air through the filter without leaving the cabinet. It is designed to meet the requirements of Biosafety Class II.

Product Description:

IVFtech Classica is completely customizable:

- Range of sizes.
- Configurable with heaters/microscopes, sample stations, and more.



IVFtech Javica

Javica cabinet is a two-sided workstation providing a space saving and pleasant working environment. A constant vertical laminar flow of clean air protects the samples and is designed to meet the specific requirements of IVF laboratories.

Product Description:

IVFtech Javica is completely customizable:

- Range of sizes.
- Configurable with heaters/microscopes, sample stations, and more.



IVFtech Econica

The IVFtech Econica cabinets are our basic vertical laminar flow workstation. The vertical laminar flow provides clean air over the whole of the working area. It comes either as a cold cabinet or heated and prepped for one microscope, available in 60 or 120 cm with a stainless steel work surface and a light source.



Microscope Chambers

IVFtech Unica

This self-contained chamber reproduces incubator conditions allowing the embryologists to perform oocyte and embryo manipulation while minimizing disruption to the environmental conditions and preserving the embryo developmental potential.

Product Description:

- Fixed or electrical adjustable stand.
- Compact dimensions.
- Controlled atmosphere.



Cell-Tek 3000

The Cell-Tek 3000 chamber provides an optimal environment for maintaining the required temperature and optimum pH of culture media whilst manipulating oocytes and embryos using stereo microscopes designed by various manufacturers.

Product Description:

- Humidity and photocatalytic VOC removal.
- Chamber air purity is provided by circulated filtered airflow passing through large HEPA and carbon filters.
- Supplied on a height adjustable mobile trolley with lift lock feet. Motorized height adjustment across a 20 cm range with 4 user pre-sets provides an ergonomic solution for all users.



Cell-Tek 3000 IV

Cell-Tek 3000 IV chamber for inverted microscope, designed for ergonomic, safe, and vibration-free operation.

The chamber accepts most conventional inverted tissue culture microscopes with manipulators. All instruments and dishes in the chamber are maintained under optimum conditions of temperature, CO2 and humidity. Filtered and VOC-free environment through UV photocatalytic oxidization together with HEPA and carbon filter.



Product Description:

- Humidity and photocatalytic VOC removal.
- Chamber air purity is provided by circulated filtered airflow passing through large HEPA and carbon filters.
- Fitted with an anti-vibration table.

Incubators

BT37

The BT37 delivers consistent control of temperature, gas flow, and humidity, paired with ergonomic, precision-engineered functionality, to protect and care for your embryos and gametes.



Product Description:

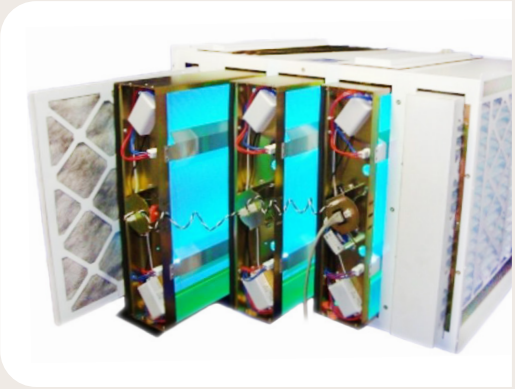
- Same trusted BT37, now fully supported by the team that builds it.
- Reliable, versatile, and precise.
- Small footprint - works well in a workstation or on a bench.
- Humid culture to minimize evaporation and osmolality change.
- Easy to use with intuitive touchscreen operation and easy-to-load bottle.

Air Purification - In-Duct

The need for filtered air has never been more important. No matter how well you maintain your laboratory, your work area can be filled with air pollutants, volatile organic compounds (VOCs), chemically active compounds (CACs), aldehydes, carcinogenic materials, carbon monoxide, viruses and bacteria, dust particles mold spores, cleaning chemicals, and more. All these airborne pathogens can affect your IVF outcomes and the health of workers in the laboratory.

ZANDAIR PCOC3 In-Duct Air Purification

An encased unit to be fitted into the HVAC/ AHU unit of the air ducting to provide an airtight flow of the airstream through the unit and has the option for a removable MERV-13 and activated carbon filter (ACF). This model consists of three photocatalytic grids to provide additional dwelling time for maximum breakup of the molecular structure of the VOCs passing in the airstream.



Product Description:

- In-duct air purification cleans air down to the last molecule.
- Destroys toxic chemicals and eliminates odor with 3 photocatalytic oxidation chambers.
- Ultraviolet light attacks molecular structures of viruses and bacteria.

Air Purification - Portable

ZANDAIR Portable Air Purification

The unit is encased in a high impact ABS plastic with no off-gassing and is lightweight and portable. Electronic sensors monitor air purification system. Warning lights alert staff to the presence of toxic chemicals and fumes well before they reach dangerous levels.



Product Description:

- 4-step air purification cleans air down to the last molecule.
- High efficiency particulate air (HEPA) filter removes microparticles.
- Photocatalytic oxidation destroys toxic chemicals and eliminates odors.
- Ultraviolet light attacks the molecular structure of viruses and bacteria.

Monitoring

The DATAssure™ Wireless Monitoring System



DATAssure wireless monitoring provides peace of mind and convenience by putting all your monitoring data and alarms in one place, readily accessible wherever you are and compliant with all the relevant standards (FDA, MHRA, 21 CFR Part 11, etc.).

The system is standalone and connects directly to your business IT network with no need for any dedicated PC, server or specialist installed software. Data from the base station can be viewed direct on the colour touch screen or via a standard web browser.

The base station allows multiple secure connections and data can be viewed on multiple devices from PCs to tablets to mobile phones through it's simple to use and intuitive web-based interface.

Parameters we can monitor: Temperature, humidity, VOCs, CO_2, O_2, differential pressure, equipment alarms.

Sensaphone™



The SENTINEL system can monitor different equipment and environmental status conditions, including temperature, humidity, power failure, equipment stats, and water detection. When the monitoring system identifies an issue, it instantly sends alerts via text, email or voice phone call. The system uses a standard internet connection, supervises its own internet connection, and can easily deliver daily event reports.

Users can access information and make system changes from any mobile app or web-enabled device. The system stores all readings in the cloud, which protects against data loss, provides unlimited information storage, and allows multiple devices to be managed from one account. No software is required, making installation, integration, and management easier. The standard Sentinel system is Ethernet-based but is also available with a cellular option for locations that don't have internet connectivity.

Product Description:

- Temperature sensing range of -109° to 168°F | -85° to 76 °C.
- Secure, user-friendly online control panel provides a software-free, anytime, anywhere environment for managing your systems.
- Supervised system provides peace of mind that the device is online and monitoring 24/7.
- Receive alarm notifications through an Internet connection.
- Store your sensor readings in "the cloud" to automatically protect against data loss and provide limitless information storage.
- Notifies an unlimited number of people by text, e-mail, or voice phone calls in the event of an alarm.

Tables

Anti-Vibration Tables

IVFtech Anti-Vibration Tables are designed primarily for ICSI procedures but are designed to meet the requirements for all models of inverted microscopes and can therefore be used for all applications where vibration dampening is crucial.

Our lightweight and compact vibration absorption system allows significant reduction of unwanted vibrations transferred to the working environment from environmental noise.



CleanBench™

Manufactured by Technical Manufacturing Corporation (TMC), the CleanBench vibration isolation lab table is ideal for IVF applications. CleanBench incorporates TMC's unique Gimbal Piston Vibration Isolators and a tabletop with enhanced performance and features.



Heated Tables

Heated tabletops from IVFtech for clean room or laboratory use. The electrically heated area is controlled by a high precision PID regulator, the heating area is split into smaller zones to maintain the temperature and limit variations which can be caused by placing a cold warming block on one part of the heated area. It will also ensure a faster recovery time. The tabletops are prepped for a variety of microscopes and available in stainless steel or HiMacs®.



IVFtech Letter Tables

The IVFtech letter tables are designed for use in the operating theatre when performing oocyte retrieval. They have a clean smooth heated surface ideal for warming blocks and media flasks and the drawer can be heated to provide a warm environment for equipment such as Oocyte Recovery needles, media, etc.



Computer-Assisted Sperm Analysis (CASA)

SCA SCOPE

The SCA SCOPE is the first totally automated device for the analysis of concentration, motility, morphology, DNA fragmentation, vitality, and leukocytes of human semen samples, linking up software with hardware of the best quality, allowing users to work in optimal conditions.

This all-in-one CASA will ease and improve your performance in the laboratory making your work both more efficient and comfortable.

For Research Use Only. Not for Use in Clinical Diagnostic Procedures in the US.

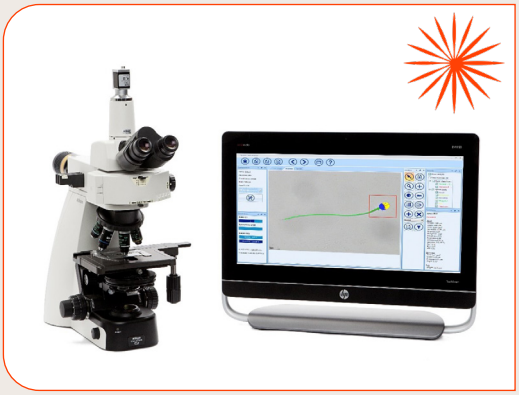


SCA Evolution

The Sperm Class Analyzer (SCA) CASA System is a modular automatic software for the analysis of concentration, motility, morphology, DNA fragmentation, vitality, and acrosome reaction of human and animal sperm samples, as well as leukocytes in human samples.

We have numerous SCA editions with optional modules and complementary systems to help you to find the optimum configuration for your laboratory. The system is constantly updated to include the ultimate state-of-the art technology and operating system available.

For Research Use Only. Not for Use in Clinical Diagnostic Procedures in the US.



IVOS® II

The IVOS II is a highly accurate, automated sperm analyzer that is an industry leader for CASA.Perform semen quality assessment for sperm count and concentration, motile categories (static, slow, motile, progressive, and slow cell), all detailed kinematic values for each cell, and all kinematic profiles for the entire population. Optionally, the system can also provide morphology/morphometry results.

For over 30 years, Hamilton Thorne has been helping IVF professionals obtain sperm analysis results for applications in clinical markets. Our IVOS® II CASA system provides precise, objective, and repeatable results that you can trust.



For Research Use Only. Not for Use in Clinical Diagnostic Procedures in the US.

LensHooke X1 Pro

The LensHooke X1 Pro is a fully automated and user-friendly portable semen quality analyzer that can easily determine semen quality parameters such as pH, sperm concentration, motility, and morphology.



Oosight Imaging System

Oosight Imaging System

The Oosight Imaging System provides high-contrast live images of the oocyte and spindle.

Our unique and patented solid-state, liquid crystal technology is an easy add-on to your ICSI workstation. Oosight software runs on your computer to capture, display, and analyze your images.



Product Description:

- Measures molecular order in either fresh or previously frozen oocytes.
- Non-invasive imaging without the use of labels or stains.

Oosight Imaging System is for research purposes only in certain territories.

Storage - MVE Tanks

Small Capacity (SC) and Extra Capacity (XC) Series Aluminum Dewars

SC and XC Series Aluminum Dewars provide long term secure storage with low liquid nitrogen consumption in a convenient lightweight package.

Bend Don't Break™ (patent pending) is a redesigned top head that deforms to absorb G-force damage to the neck area and minimize the chances of product loss through mishandling and during transportation.





Product Description:

- Low liquid nitrogen consumption.
- Convenient lightweight package.
- 2-year parts warranty.
- 5-year vacuum warranty.
- Conforms to MDD 93/42/EEC, Medical Device Directive for the EU.

Accessories & Support Equipment

Cook® Vacuum Pump

Used to provide a low flow, regulated vacuum up to -500 mmHg for general suction.

Product Description:

- A pedal activates the vacuum response at the needle tip. The pump maintains a constant vacuum at its set level.
- The boost button on the front panel increases the vacuum pressure to clear blockages in the ovum aspiration needle.
- A volume-adjustable tone indicates when vacuum is applied.
- The LED can display the vacuum pressure in mm Hg and kPa.



Hotplate

The IVFtech Hotplate is the perfect solution for the IVF lab that is in need of an extra heated workspace. The Hotplate provides a uniform self-contained tabletop for handling warming blocks, mini-incubators, tubes, etc., and due to its small size can be easily portable to place around your lab.

The IVFtech Hotplate features our easy-to-clean, no-stain HiMacs® finish and provides excellent temperature control from ambient to 50°C with an accuracy of ±0.5°C throughout the working surface.



Tube Warmers

The IVFtech tube warmers fit either 12 tubes of 14 ml or 4 test tubes of 50 ml. The temperature is variable by 0.5 degrees increment. The sides of the tube warmer are transparent making it easier to visualise and are also removable for easy cleaning. The aluminum block covers 2/3 of the tube which gives even heating to the tubes.

Our Tube Warmers are also available with a battery option making them more accessible in any environment.



Cook® Test Tube Heater

Used to maintain the temperature of egg (oocyte) collection tubes at or near body temperature. Designed to accept up to 6 Falcon® 2001 test tubes.

Product Description:

- The clear front panel allows continuous observation of the test tubes' contents.
- The heater uses 12 VDC power.
- The heater is powered by the Power Supply (K-APS-300) provided with the unit.
- The heater maintains an operating temperature of 36.9 °C.
- The amber light on the front of the heater indicates that the unit is powered. When the light flashes, the heater is at its operating temperature.



Warming Blocks for Tubes and Syringes

Warming blocks for tubes are for small and large tubes: 6 cc and 14/17 cc. Warming blocks for syringes are for syringes: 10 cc and 20 cc.



Warming Block for Dishes

We have a variety of warming blocks for dishes, suitable for most popular brands again ensuring the correct temperature of your dishware.



Warming Block for Media Flask

We have a warming block to help secure the temperature of the media while used on a heated tabletop.



Magnetic Shelf

The magnetic shelf is for use on the back wall of the cabinet for dishes, disinfectant, etc. For the back wall of an IVF workstation.



Microscopes

Olympus IX73 Inverted Microscope

As the demand for the use of ICSI in ART applications has increased, so has the burden of the microscopy work it involves. Olympus' IX73SC assisted reproduction microscope solution helps facilitate the ICSI workflow, improving the speed and efficiency of each procedure.

Product Description:

- Optimized for a smoother ICSI workflow.
- Easy oocyte condition checks through spindle visualization.
- Streamlined ICSI steps through motorized operation.



Olympus Stereo Microscopes SZX10 | SZX16

Olympus Stereo Microscopes offer three-dimensional imaging with a wide zoom ratio and high numerical aperture (NA). Excellent image quality with our advanced optics, improved functionality, and various ergonomic accessories make Olympus Stereo Microscopes easier and more comfortable to use in life sciences and biology when performing sample selection, dissection, and manipulation.



Olympus Upright Microscopes BX43 | CX43

Olympus Upright Microscopes offer high-quality imaging for life science and clinical research. With world-class Olympus microscope optics, you can expect high-resolution, high-contrast microscopy imagery for viewing, insight, and analysis.

Ergonomic, flexible, and easy to use, the highly versatile Olympus upright microscope range provides precise operations and fast, efficient image capture with true color LED illumination.



ZEISS Inverted AXIO Observer Microscopes

Axio Observer is the most stable inverted microscope, combining IMSI and ICSI in a single microscope. The modular stand can be motorized, equipped with numerous heating and incubation options and features several fixation points for micromanipulators. In addition to DIC, PlasDIC and iHMC transmitted light darkfield is available. Axio Observer allows the sperm cell to be injected into the egg cell immediately after selection. The large field of view provides a clear picture of the egg and sperm cell with the injectors. Incubation can then be continued in an incubator with no problem at all. The ability to switch quickly from high to medium magnification is particularly beneficial for the subsequent assessment of the embryo.



ZEISS Stereo Microscopes

Stemi 508 is your compact stereomicroscope that fits in any standard laminar flow hood. The large working distance offers ample space: You can conveniently handle and manipulate oocytes and assess growing embryos. The operation of the microscope is easy and intuitive.

Optional Thermo plates keep your samples at 37 °C while they are outside the incubator.



ZEISS Upright Axiolab Microscopes

Axiolab 5 has been designed for daily laboratory applications. All applications in brightfield, darkfield, phase contrast or fluorescence can be performed readily. The upright microscope places strong emphasis on ergonomic features.

Particularly in laboratory use, reliable microscopic images are crucial. With Axiolab 5 you are guaranteed to work with a microscope that combines maximum performance and cost-effectiveness. The special plus for long-term microscope users: TUV-approved ergonomics. Axiolab 5 has been designed for daily laboratory applications.



Nikon Inverted ECLIPSE Ti2-U | Ts2R Microscopes

Nikon microscopes have supported ICSI procedures since the early days and continue to advance the field with excellent optics and precision.

The ECLIPSE Ti2-U IVF provides a stable platform for precision procedures like ICSI. It includes a 1.5X magnification switch that lets you change magnification without switching objectives.

The ECLIPSE Ts2R is a compact inverted microscope that fits easily in small lab spaces while offering multiple observation methods and easy operation.



Nikon Stereo SMZ800N | SMZ1270 Microscopes

Nikon's SMZ stereo microscopes feature excellent optics, large zoom ranges, wide viewing fields, and ergonomic designs for viewing from macro to micro scale.

The SMZ1270 has an industry-leading 12.7x zoom ratio (0.63 - 8x). It offers a wide view at low magnification for easy target location and sharp, bright images across the entire field.

The SMZ800N provides higher magnification than older models for detailed observation of small structures. Its improved optics reduce color distortion and deliver bright, sharp images. The parallel design supports ergonomic accessories for various applications.



Nikon Upright ECLIPSE Ci | ECLIPSE Si Microscopes

Upright microscopes observe samples like slides from above. Nikon offers two focusing types (stage and nosepiece) that work with various accessories. They provide uniform, bright illumination with accurate specimen colors and comfortable operation for long sessions.

The ECLIPSE Ci series combines excellent functionality with ease of use for clinical and research specialists. It promotes natural posture during viewing, sample changing, and imaging. Multiple accessories support various imaging techniques.

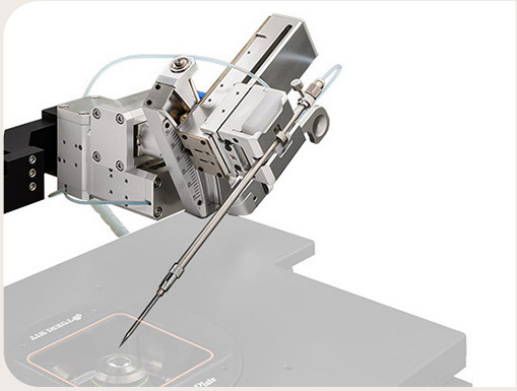
The ECLIPSE Si is designed for professionals who use microscopes for extended periods. Its ergonomic design improves efficiency and reduces physical strain to help you maintain focus longer.



Micromanipulators

NARISHIGE Micromanipulators

Micromanipulators are sophisticated and precise tools used for delicate manipulation of microscopic objects. These micromanipulators are designed to provide highly accurate and stable positioning of microinjection needles. With their advanced features such as smooth and fine movement control, ergonomic design, and compatibility with various microscope systems, micromanipulators offer the ability to perform intricate procedures with exceptional precision and reliability.



We're Here to Support You

From service reliability to clinical expertise, our dedicated teams are ready to help.

Order and Samples:
Talk to your territory manager

- Placing orders
- Requesting samples
- Pricing and quotes
- Delivery timelines

NexTech Global Services: Techsupport@nexpringhealth.com
Service plans, equipment maintenance, and technical support

- Service plans (Complete, Essentials, Basic)
- Preventative maintenance
- Installation and training
- Priority parts and service

Complete lab design and implementation:
Building or expanding your lab? We offer complete lab build services

- Lab design and planning
- Equipment sourcing
- Workflow optimization
- Turnkey solutions

Nexperts Clinical Support:
Education and expert guidance

- Protocol consultation
- Clinical guidance
- Hands-on workshops
- Expert-led events and community
- On-demand learning

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