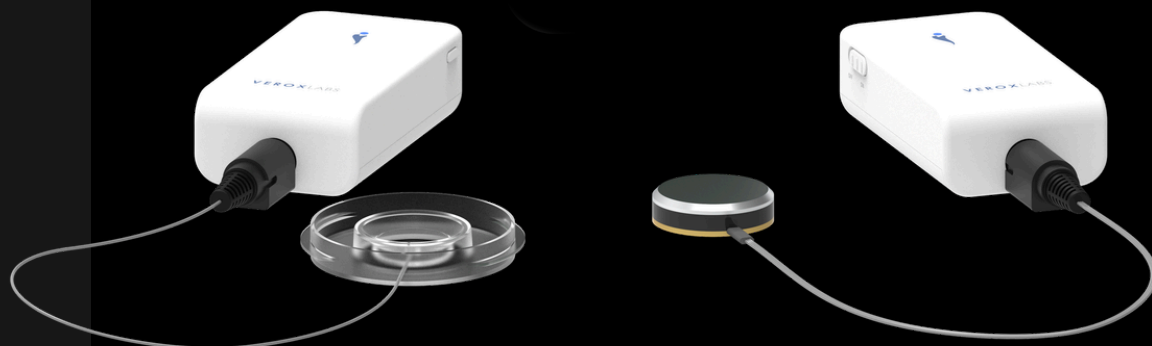


METRUM GENIE

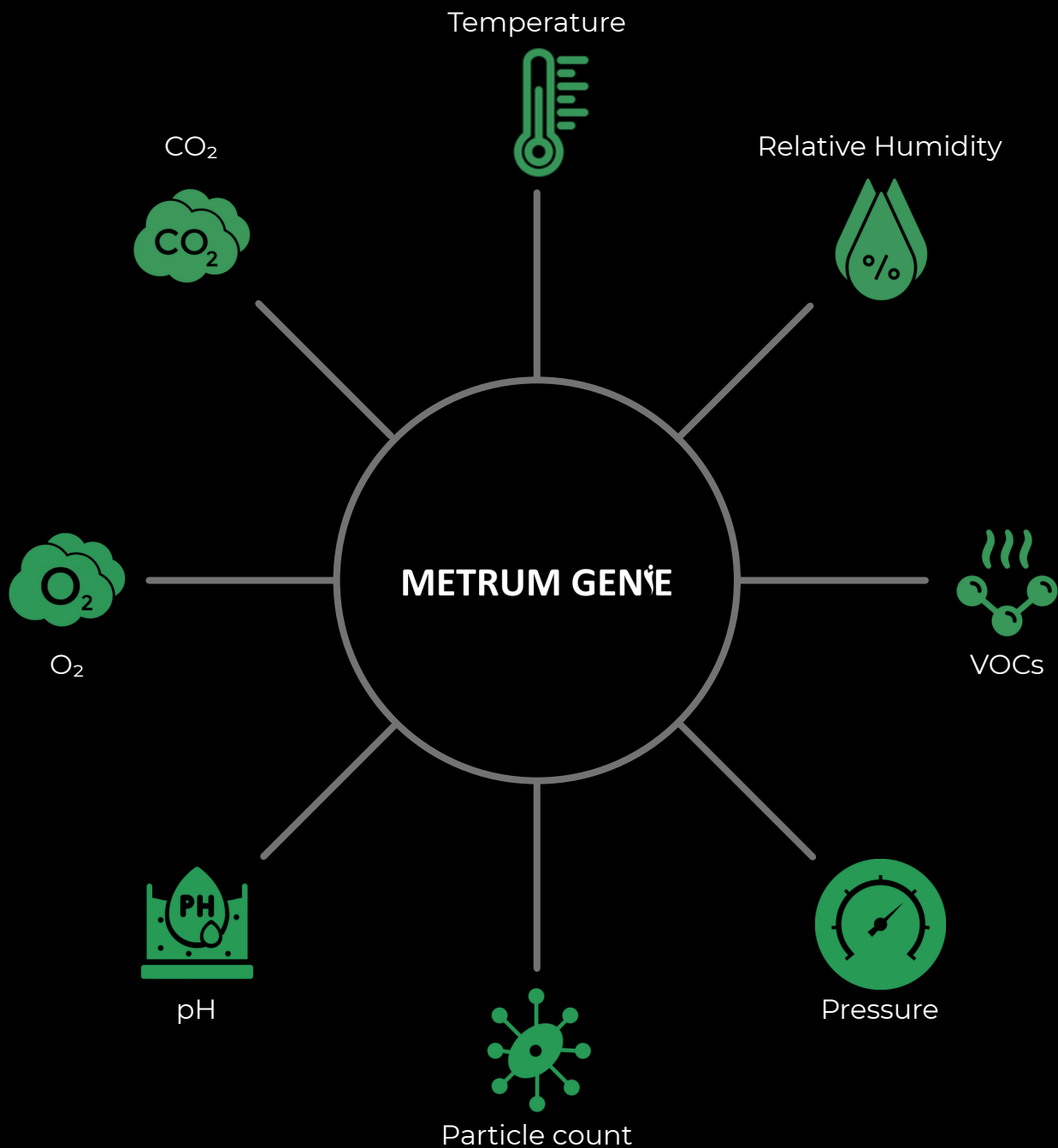


Automated compliance in one ecosystem

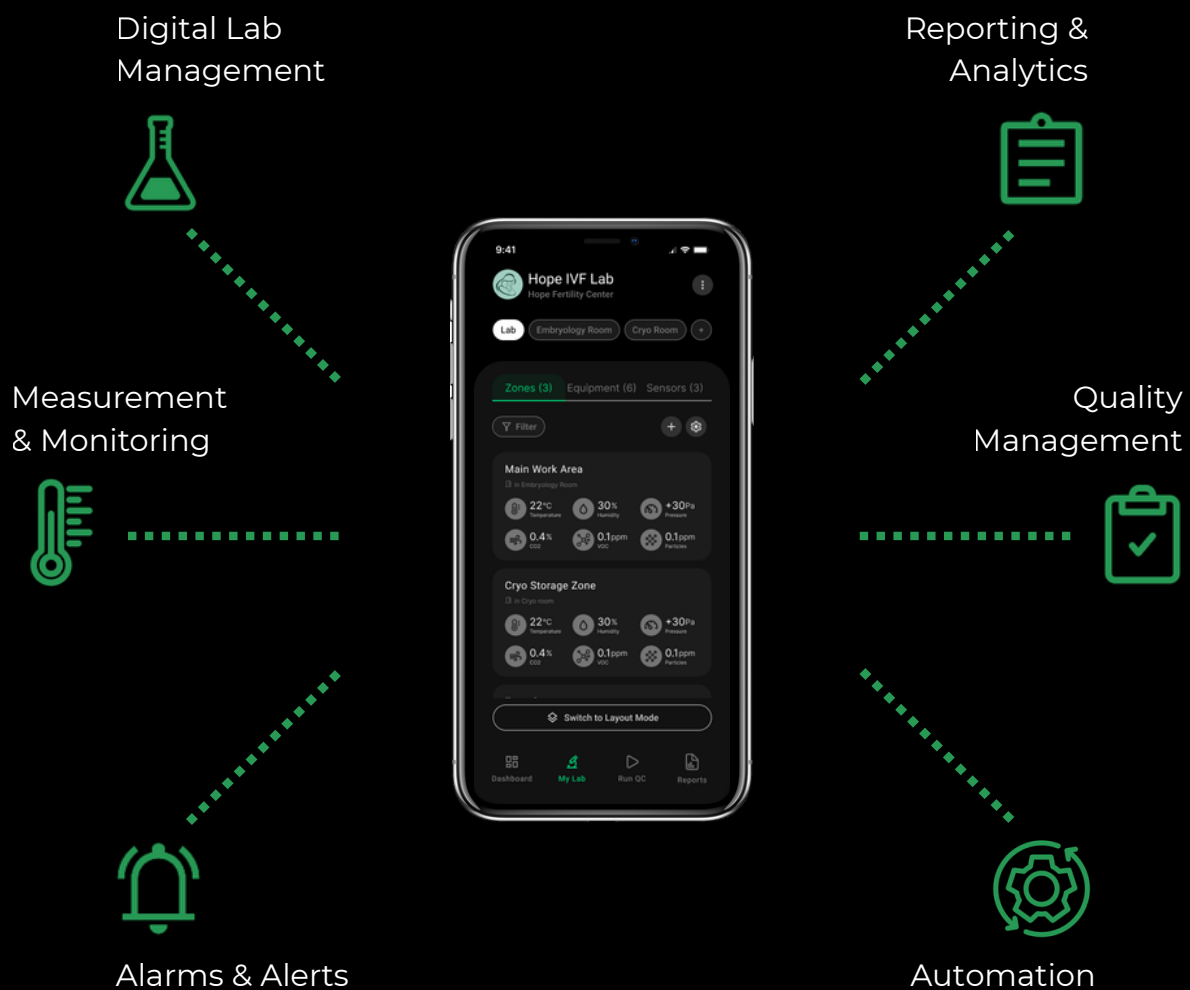
Validation. Calibration. Monitoring.
with multi-parametric sensors

Compliance, automated and made simple

Take complete control of your compliance. Collect and manage data for validation, calibration, monitoring, and reporting in one GxP-compliant solution or choose only the modules you need.



Six Pillars of METRUM GENIE



*Giving embryologists their time back
by automating compliance in one ecosystem*

Traditional compliance is often fragmented and labour-intensive, creating unnecessary risk. When processes are handled in isolation, data is lost, critical steps are missed, and audit reporting becomes slow and burdensome, ultimately increasing the likelihood of product loss and compliance failures.

At VeroxLabs, we believe compliance shouldn't be this difficult. Our solution is designed to simplify, connect, and automate, so nothing is missed, and everything works.

Why choose METRUM GENIE

Bringing everything into one digital ecosystem ensures nothing is overlooked, creates a single source of truth, and streamlines compliance through automation.



Measure multiple parameters

Seamlessly integrate all critical IVF metrics into a single ecosystem using purpose-built sensors for temperature, CO₂, O₂, pH, VOCs, humidity, pressure, and particle count.



Go paperless

Automate data entry to your preferred QC data management tool (Currently compatible with Reflections App).



Minimised time spent

Automate previously manual labour-intensive and error-prone compliance tasks.



Easy audits

Eliminate audit stress with continuous monitoring, real-time alerts, seamless processes, automated data capture, and comprehensive digital audit reports across all parameters.



No hunting for data

A single source of truth for all your compliance data; records, certificates, protocols, and everything else in one ecosystem.

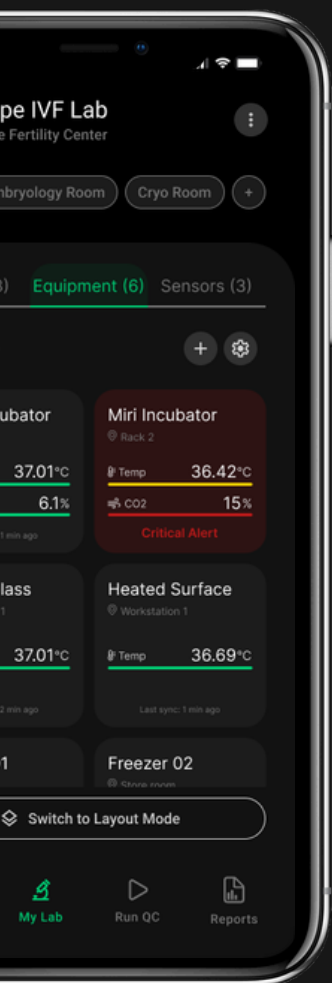


Complete compliance certainty

With ISO 17025-accredited calibration, you can rest easy knowing you are fully compliant.

And much more

What you can do with METRUM GENIE



- 1 Set up and manage users with role-based access control.
- 2 Create and maintain a digital map of the laboratory.
- 3 Assign and manage laboratory rooms and work areas.
- 4 Configure and register laboratory equipment.
- 5 Assign equipment to specific laboratory room locations.
- 6 Define and manage equipment monitoring parameters.
- 7 Assign sensors to corresponding equipment parameters.
- 8 Capture and record parameter data automatically.
- 9 Calibrate laboratory equipment with guided workflows.
- 10 Maintain complete equipment calibration history and records.
- 11 Validate laboratory equipment according to compliance protocols.
- 12 Maintain comprehensive equipment validation history.
- 13 Monitor threshold breaches with real-time alarm notifications.
- 14 Create and manage environmental monitoring zones.
- 15 Design and configure QC plans and protocols.
- 16 Schedule QC plans and routine compliance checks.
- 17 Generate automated QC and compliance reports.
- 18 Enable continuous real-time laboratory monitoring.
- 19 Perform and record spot-check measurements and observations.



Where can you use METRUM GENIE

The solution is specifically designed to meet the compliance and regulatory requirements of IVF clinics and research laboratories, where maintaining strict quality standards is essential.



Benchtop Incubators



Time Lapsed Incubators



Big Box Incubators



Heated Glass Stages



ICSI Stations



Heated Worksurfaces



Cryo Tanks



Laminar Flow Cabinets



Tube Warmers



Fridges



Freezer



Laboratory Environment

Use the solution to Validate, Calibrate, and Monitor for instance:



Temperature



CO₂



O₂



pH



VOCs



Pressure



Particle count



Relative Humidity

The key components of METRUM GENIE

Every system is built from essential modules; these are the components that power our solution.

- **MG-Console** : Metrum Genie console.
- **MG-TM** : Temperature sensors.
- **MG-GASCO₂** : Incubator module with CO₂, temperature, humidity, and pressure.
- **MG-GASO₂** : Incubator module with O₂, temperature, humidity, and pressure.
- **MG-LAB1** : Laboratory environment module with temperature, humidity, and pressure.
- **MG-LAB2** : Laboratory environment module with temperature, CO₂, Humidity, VOCs, Particle Count, Pressure.
- **MG-pH** : Incubator pH Module.
- **MG-PW** : Power Monitoring Module.



Subscription Plans

METRUM GENIE

BASIC

Subscription

Essential compliance for everyday operations

- ✓ * Connect up to 10 Metrum Genie modules.
- ✓ 1 Month data logging memory.
- ✓ Threshold alarms.
- ✓ Standard compliance (validation and profiling).
- ✓ Standard task management.
- ✓ Standard reporting.

PRO

Subscription

Comprehensive automations for total laboratory compliance

- ✓ * Connect up to 20 Metrum Genie modules.
- ✓ 12 Months data logging memory.
- ✓ Intelligent alarms.
- ✓ Advanced compliance (calibration and mapping).
- ✓ Task scheduling and automation.
- ✓ Scheduled reports and emails.
- ✓ Advanced data analytics.

PREMIUM

Subscription

The ultimate ecosystem for multi-lab compliance

- ✓ * Connect unlimited Metrum Genie modules.
- ✓ Unlimited data logging memory.
- ✓ Multi-lab management.
- ✓ Compliance goal management.
- ✓ Advanced report customisation.
- ✓ Predictive analytics.

* A one-time initial fee applies to each selected Metrum Genie module.

Choose your Subscription Plan for METRUM GENIE

Feature Description	Basic Subscription	Pro Subscription	Premium Subscription
Measurement and Monitoring			
Number of supported modules	10	20	Unlimited
Multi-parametric sensing	✓	✓	✓
Real-time data monitoring	✓	✓	✓
Continuous data monitoring	✗	✓	✓
Data logging history	1 Month	12 Months	Unlimited
Digital Lab Management			
Lab profile and user management	✓	✓	✓
Sensor and equipment management	✓	✓	✓
Environmental zone management	✗	✓	✓
Lab layout mapping (Locations and Rooms)	✗	✓	✓
Advanced lab permissions	✗	✓	✓
Multi-lab management	✗	✗	✓
Compliance Management			
Compliance task management	✓	✓	✓
Equipment monitoring (Episodic)	✓	✓	✓
Equipment validation	✓	✓	✓
Equipment profiling	✓	✓	✓
Equipment mapping	✗	✓	✓
Equipment calibration	✗	✓	✓
Customised compliance tasks	✗	✓	✓
Schedule compliance tasks	✗	✓	✓
Compliance plan management	✗	✓	✓
Compliance goal management	✗	✗	✓

Choose your Subscription Plan for METRUM GENIE

Feature Description	Basic Subscription	Pro Subscription	Premium Subscription
Automation			
Compliance auto execution	✗	✓	✓
Scheduled report generation	✗	✓	✓
Scheduled emails	✗	✓	✓
Scheduled automations per month	✗	100	Unlimited
Alarms and Alerts			
Basic alarm monitoring (Min, Max)	✓	✓	✓
Alarm event management	✓	✓	✓
Intelligent alarm monitoring	✗	✓	✓
Comprehensive alert management	✗	✗	✓
Reports and Analytics			
Standard report generation	✓	✓	✓
Raw data export (CSV/PDF)	✓	✓	✓
Report sharing via email (CSV/PDF)	✓	✓	✓
Basic data analytics	✓	✓	✓
Advanced data analytics	✗	✓	✓
Send data to Reflections®	✗	✓	✓
Report customisation	✗	✗	✓

Subscription Terms and Inclusions

- 24-month minimum contract applies to all subscriptions.
- MG-CONSOLE included.
- Continuous software updates.

* Reflections® is a registered trademark of IVFqc