



# Equinox Medical: Pathology Solutions

**Committed to enhancing patient  
outcomes via innovative solutions**



We are an Australian owned company, providing targeted molecular diagnostic systems/consumables, Orthopaedic implants/instruments, and Healthcare Technology innovations. Our innovations are locally designed and released to the Australian market. Supported by Australian and global manufacturer partnerships.

Through our strategic 3PL partner, we provide an efficient cost-effective service with local and international delivery networks to Australian metropolitan & regional centres and end-to-end product tracking.

# Renowned Clinicians & Expert Executive Management Team



**PROF. MICHAEL COOPER, OAM**  
Chairman & Board Director

- Internationally-recognised multidisciplinary surgeon in endometriosis, fertility and advanced endoscopic surgery
- 26-years of experience
- Clinical Associate Professor of Sydney University Department of Obstetrics & Gynaecology



**A/PROF. ANDREW LEICESTER**  
Chief Medical Officer

- Renowned Orthopaedic surgeon based in Bowral, with part time duties at Sydney Children's Hospital and Goulburn
- 26-years of experience
- Associate Professor of University of Wollongong



**GERRY ZHAO**  
Board Finance Director

- 20-years' experience in private equity advisory and investment
- Advised numerous global corporate and private equity funds on M&A and capital raisings
- VP Corporate Development at Neuren Pharmaceuticals



**ADAM CROWE**  
Chief Executive Officer

- 35-years' experience in business development & operations
- Specialist in procurement and supply chain
- Delivered sustainable value to major healthcare companies in categories such as prostheses, pathology & radiology, pharmaceuticals & medical consumables



**DAVID MITCHELL**  
Director, Business Development and Sales

- Over 20-years' experience in marketing and sales management roles in leading pharmaceutical companies
- Profound Experience in Launching Products for Specialist and Hospital Markets, Demonstrating a Comprehensive Understanding of Industry Dynamics



**DINESH SAMARASINGHE**  
Pathology Director

- Over a Decade of Extensive Experience in Laboratory Clinical Diagnostics, encompassing Chemistry, Immunology, Hematology, Molecular Diagnostics, Point-of-Care Testing, Workflow IT Solutions, and Quality Control Measures
- Emphasis on Business Development and workflow consulting in Medical Diagnostics



**FRANK FAN**  
Chief Financial Officer

- Statistical analysis and financial forecasting  
Analysing financial data and performance to explore investment opportunities and evaluate performance
- Developing Financial modelling and forecasting development for long- and short-term commercial plans.



**SAMMY DAWSON**  
Product & Workflow Solutions Specialist

- Expertise in Molecular Biology and Advanced Genomic Sequencing Techniques
- Proficient in Product Management and Development for In-Vitro Diagnostics (IVDs) and Medical Devices
- Comprehensive Experience in Research & Development (R&D) and Sales within the Life Sciences Industry





- 1** Executive Summary
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- 3** Pre-Filled Extraction Kits
- 4** NGS Library Prep & Bioinformatics
- 5** PPE & Recycling Programs
- 6** Development Pipeline

*“At Equinox Medical, we consistently refine our products through close collaboration with our valued customers from Australia and New Zealand, actively incorporating their feedback into the design and manufacturing stages” - CEO Adam Crowe*







# Executive Summary

Pathology, Prostheses and PPE/Medical Consumables

### Pathology Diagnostics

Launching innovative solutions to the marketplace to impact and improve Public Health.



### Personal Protective Equipment (PPE)

Working with manufacturers to provide reliable, consistent and high-quality consumables for medical institutions.



### Prostheses

Cutting-edge solutions and support for Orthopaedic surgeons specialised in Trauma and Spine with an expanding portfolio into other specialties.



### Medical Consumables

High-quality medical supplies for laboratories, hospitals and clinics, providing consistent and reliable service and supply.



## Equinox Products Supplied in FY20-FY22



2.5m+ COVID tests



250+ trauma implant cases



450,000 gowns



9m+ gloves



5m+ masks



A\$27m+ revenue



Over 10 Australian R&D investments



## INNOVATION

REPURPOSING PLASTIC WASTE TO HELP  
PROTECT OUR ENVIRONMENT

SeamBiosis uses state-of-the-art recycling technology and local manufacturing to strive towards a more sustainable future.





Public Hospitals



Private Hospitals



Manufacturers



Healthcare Services



Aged Care



ST LUKE'S CARE



Logistics





Pre-filled DNA/RNA Isolation kits for use on ANDiS Systems



32A/B Viral RNA Isolation Kit



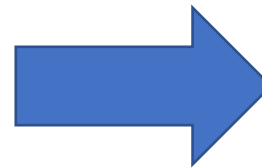
ReadiMag Pathogen Nucleic Acid Isolation Kit



ReadiMag FFPE DNA&RNA Isolation Kit



ReadiMag gDNA Isolation Kit



Automated Nucleic Acid Extractions Systems



ANDiS 360



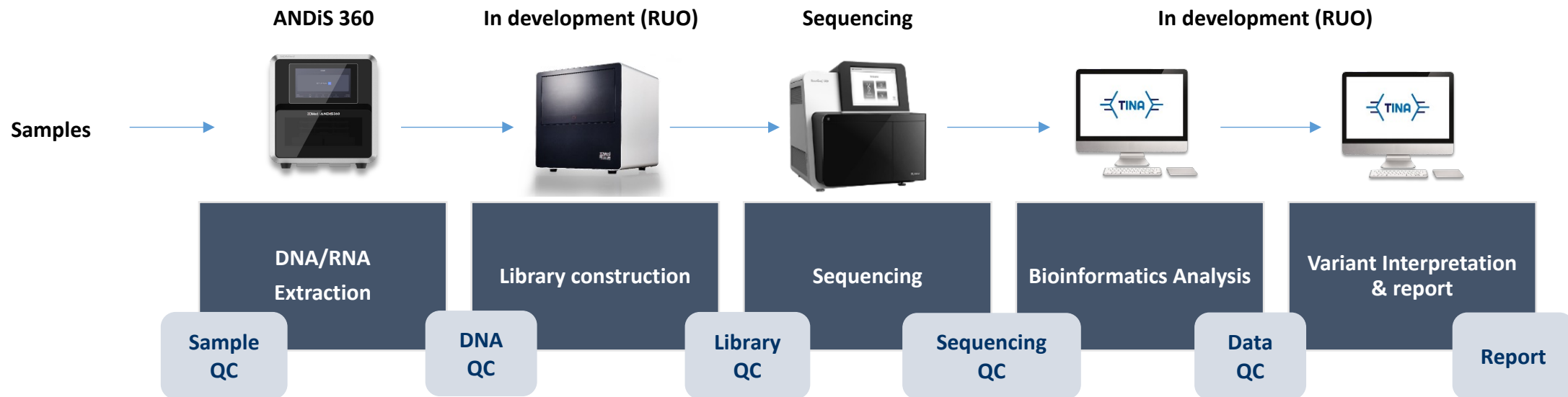
ANDiS 350



ANDiS 396



*Equinox Medical provides automation through 3DMed's core upstream & downstream support systems to Illumina sequencing so that our customers can meet their increasing demand for NGS.*







# Automated Nucleic Acid Extraction Systems

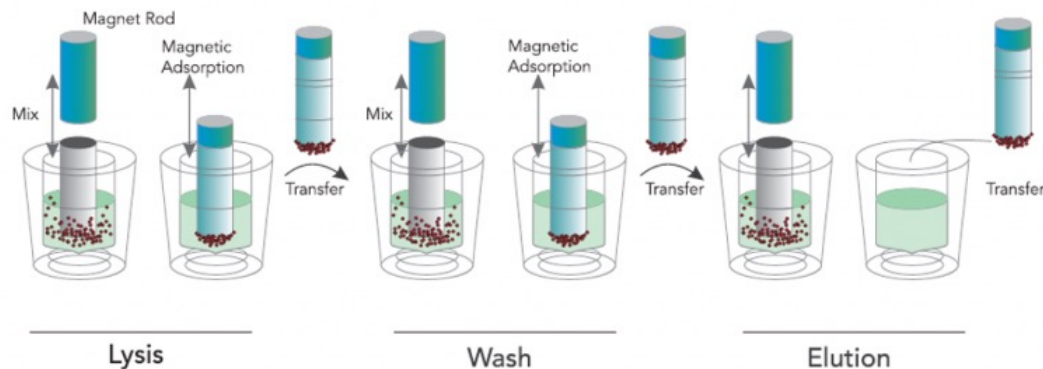
**Fast, Diverse, Traceable DNA/RNA Extraction**

## ANDiS 360: Automated Nucleic Acid Extraction System



System Specifications	
<b>Sample types</b>	Nasopharyngeal/oropharyngeal swabs, cervical swabs, saliva, sputum, urine, stool, FFPE tissue whole blood.
<b>Reaction Volume</b>	30µl-12000µl
<b>Sample Throughput</b>	16/32
<b>Magnetic beads recovery rate</b>	>95%
<b>Extraction variation</b>	CV < 3%
<b>Heating temperature</b>	Adjustable from room temperature to 115°C/240°F
<b>Reagent type</b>	Magnetic bead-based open-source reagents
<b>Extraction time</b>	8 minutes for Viral RNA
<b>Well plate</b>	96 deep well plate (large and small volume)
<b>Operation system</b>	Android system with touch screen
<b>Memory</b>	Up to 500 programs
<b>Program management</b>	Add, edit, and delete programs
<b>UV lamp</b>	Yes
<b>Light</b>	Yes
<b>HEPA Filter</b>	Yes
<b>Device size</b>	442 × 445 × 490 (mm)
<b>Device weight</b>	35kg

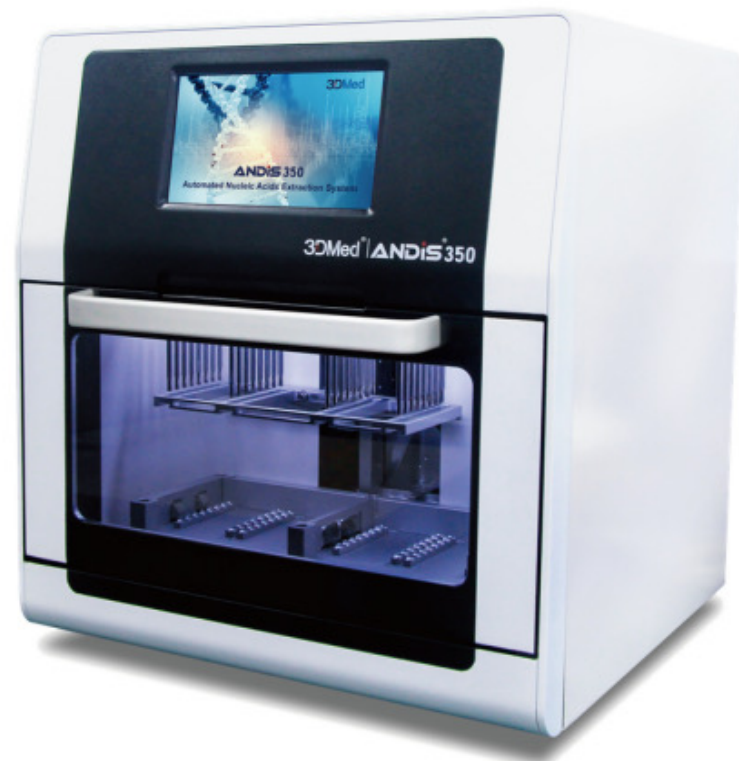
- a) Applications encompassing infectious diseases, oncology, and reproductive testing.
- b) Utilizing magnetic bead technology, the ANDiS 360 ensures reliable in-vitro diagnostic (IVD) results with reduced hands-on time, ideal for both clinical laboratories and research applications.
- c) The extracted nucleic acids are versatile, compatible with multiple downstream workflows, including quantitative PCR (qPCR), Next-Generation Sequencing (NGS), and microarray analysis.
- d) Moreover, the system supports water quality assessment by employing antibody-coated magnetic beads to effectively capture and measure giardia and cryptosporidium concentrations.



Core Features
<b>Sample types:</b> Nasopharyngeal/oropharyngeal swabs, cervical swabs, saliva, sputum, urine, stool, FFPE tissue whole blood, serum, plasma.
Movable plate platform (3-axis movement)
UV light and HEPA filter sterilization
Large volume (12 mL) plate compatibility
Multi-well collection
Log record, search and export
USB connectivity
Automatic door
Plate detection
Magnetic comb cover detection
Power failure protection
Rotatable screen



## ANDiS 350: Automated Nucleic Acid Extraction System



System Specifications	
Sample types	Nasopharyngeal/oropharyngeal swabs, cervical swabs, saliva, sputum, urine, stool, FFPE tissue whole blood.
Reaction Volume	30µl-1000µl
Sample Throughput	16/32
Magnetic beads recovery rate	>95%
Extraction variation	CV < 3%
Heating temperature	Adjustable from room temperature to 115°C/240°F
Reagent type	Magnetic bead-based open-source reagents
Extraction time	30-60 mins (reagent dependent)
Well plate	96 deep well plate
Operation system	Android system with touch screen
Memory	Up to 500 programs
Program management	Add, edit, and delete programs
UV lamp	Yes
Light	Yes
Device size	401 × 401 × 452 (mm)
Device weight	35kg

## ANDiS 396: Automated Nucleic Acid Extraction System



System Specifications	
Sample types	Nasopharyngeal/oropharyngeal swabs, cervical swabs, saliva, sputum, urine, stool.
Reaction Volume	30µl-1000µl
Sample Throughput	96
Magnetic beads recovery rate	>95%
Extraction variation	CV < 3%
Heating temperature	Adjustable from room temperature to 115°C/240°F
Reagent type	Magnetic bead-based open-source reagents
Extraction time	30-60 mins (reagent dependent)
Well plate	96 deep well plate
Operation system	Android system with touch screen
Memory	Up to 500 programs
Program management	Add, edit, and delete programs
UV lamp	Yes
Light	Yes
HEPA Filter	Yes
Device size	600 x 620 x 525 (mm)
Device weight	39kg

	ANDiS 360	ANDiS 350	Auto-Pure32A	KingFisher Flex 96/24
<b>Time</b>	<b>8 mins for viral RNA</b>	13 mins	10 mins	10 mins
<b>Sample number</b>	1-32	1-32	1-32	1-96/24
<b>Sample volume</b>	<b>50-12,000uL</b>	30-1000uL	50-1000uL	50-1000uL
<b>Sample type</b>	Swabs (Nasopharyngeal, Oropharyngeal, Cervical), Saliva, Sputum, Tissue FFPE, WBC, Urine	Swabs (Nasopharyngeal, Oropharyngeal, Cervical), Saliva, Sputum, Tissue FFPE	Extraction kit dependent	Extraction kit dependent
<b>Bead collection rate</b>	>95%	>95%	>95%	>95%
<b>Coefficient of Variation</b>	<b>&lt;2%</b>	<2%	<5%	
<b>Barcode scanning</b>	No	No	No	No
<b>Temperature control range</b>	RT-120°C	RT-120°C	RT-120°C	RT-120°C
<b>Port</b>	USB and Ethernet	USB	USB, WiFi, and Ethernet	USB and RS-232C
<b>Weight</b>	35kg	35kg	28kg	28kg
<b>Size (mm)</b>	442×445×490	400×400×450	400×470×450	680×600×380
<b>Contamination control</b>	<b>HEPA and UV</b>	UV	UV	UV









# RNA & DNA Extraction Kits

Oncology, Fertility & Infectious Diseases



# Broad Range of Extraction Kits for Respiratory, Oncology & Fertility

Extraction Kit	32A Viral RNA Extraction Kit	Pathogen Nucleic Acid Extraction Kit	ReadiMag FFPE RNA/DNA Extraction Kit	ReadiMag gDNA Extraction Kit
System Compatibility	ANDiS 350/360	ANDiS 350/360	ANDiS 350/360	ANDiS 360
				
Sample type	Nasopharyngeal, Oropharyngeal, Saliva, Cervical	Bronchoalveolar lavage fluid, Sputum	FFPE tissue	Saliva, whole blood and buffy coat
Run time	<15 minutes (Dependant on sample types and instrument used)	<15 minutes (Dependant on sample types and instrument used)	45 minutes	50 minutes
Sample input volume	200-400µL	<400µL	5-40µm	<200µL
Elution volume	100µL	100µL	50µL	50µL

# gDNA Extraction Kit for NGS including Oncology

- 3DMed’s gDNA extraction kit features pre-filled reagent plates, that simplify the extraction protocol by reducing the need for manual handling
- Application for the potential extraction of gDNA for preimplantation screening and reproductive carrier screening

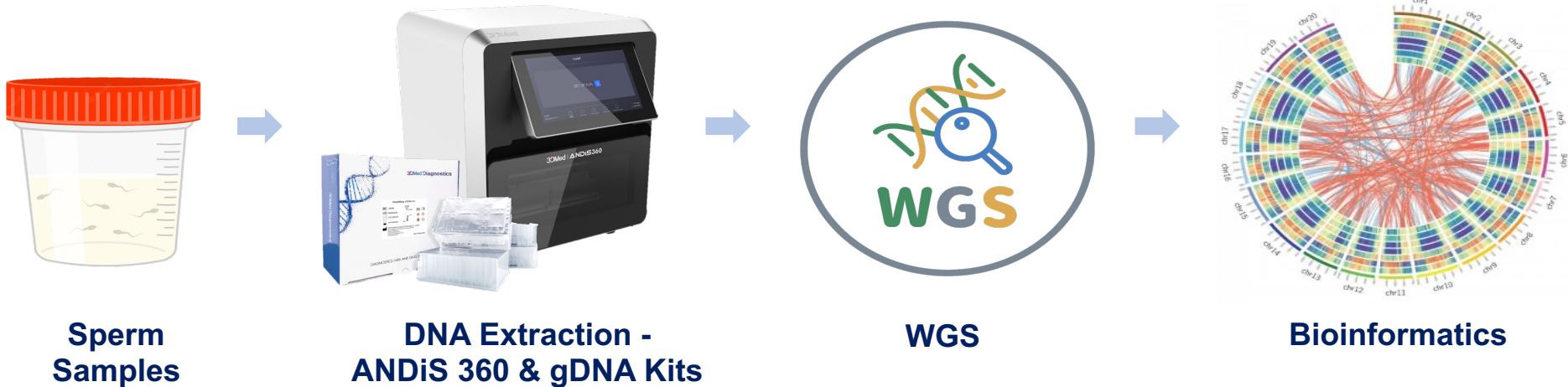


ReadiMag gDNA Extraction Kit	
<b>Pack size</b>	64 tests/kit
<b>Sample type</b>	Blood, saliva, semen
<b>Processing time</b>	50 minutes
<b>Sample volume</b>	200µL
<b>Elution volume</b>	50µL
<b>System compatibility</b>	ANDiS 360
<b>Areas of application</b>	Male Fertility, NGS (cardiovascular + other)

# Equinox Collaborating with 23 Strands for Fertility Trials

- **23 Strands** is dedicated to providing personalised healthcare solutions to academic and clinical practices
- By combining Whole Genome Sequencing (WGS) with Artificial Intelligence, they aim to gain a deeper understanding of the genetic basis of idiopathic male infertility
- Equinox and 23 Strands are collaborating on a research project to better understand the genetic causes of idiopathic infertility and subsequently improve outcomes.

- The initial trial will use the ANDiS 360 Extraction System and gDNA Kits to extract DNA from sperm samples.
- Subsequent trials will use the ANDiS 360 Extraction System and cfDNA Kits to extract DNA from blood samples.





# Locally Manufactured PPE, Offshore Manufacture Distribution + Recycling Program

Equinox distributes PPE from local and offshore manufacturers



### Surgical & Isolation Gowns



### Caps & Berets



### Sterilisation Wrap



### Adult & Child Masks



### Level 2 & 3 N95/P2 Particulate Respirators



**WEGO**



## ***Aiding Lismore Flood Relief Effort***

Equinox Medical contributed to emergency response and disaster recovery with two PPE shipments, including 64 cartons of protective suits. In collaboration with Lismore City Council and Resilient Lismore, we donated an additional 34 cartons of Level 3 surgical gowns to Lismore Hospitals.



## ***Donating PPE to Tongan Earthquake Relief Efforts***

Dr. Andrew Leicester, representing Equinox Medical, received a recognition certificate from the Princess of Tonga for our contributions to the Tongan Earthquake Disaster Relief Program. Equinox Medical donated over 40,000 essential PPE items, including adult and child N95 respirators, surgical masks, gowns, isolation gowns, protective suits, and nitrile gloves, to support the ongoing relief efforts after the February 2022 earthquakes.



# Development Pipeline (RUO)

Products currently in development and pending TGA Approval





# Liquid Handling Automation Systems



## ANDiS 3100

### Automated Sample preparation Workstation\*

#### Automated workflow

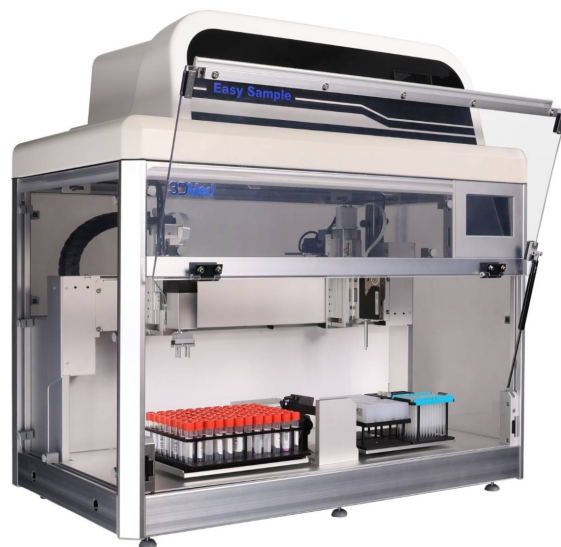
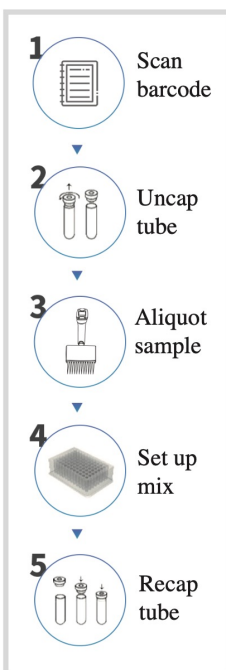
- Automates all capping/uncapping, liquid handling and barcode scanning

#### Increased productivity

- Reduce manual sample preparing workload by 90%

#### Improved safety

- Closed-door system with HEPA and UV light
- Laminar flow
- Negative pressure



### System Specifications

<b>Throughput</b>	32 samples / 37 mins 1,247 samples / 24 hours
<b>Pipetting</b>	50µL - 1000µL <b>Pipetting range:</b> 10µL – 200 µL <b>Pipetting precision:</b> 10µL: CV ≤ 2% 200µL: CV ≤ 5% <b>Pipetting accuracy:</b> 10µL: CV ≤ -10% – +10% 200µL: CV ≤ -3% – +3%
<b>Sample tube compatibility</b>	5mL/10mL sample tubes with standard screw cap
<b>Contamination Control</b>	Built-in HEPA and UV light
<b>Dimensions</b>	1100 x 680 x 763 (mm)
<b>OR code scanning</b>	Built-in Barcode scanner
<b>Operation environment</b>	<b>Temperature:</b> 10°C - 40°C <b>Humidity:</b> 30% – 75% RH



# ANDiS 3150

## Automated Sample preparation Workstation\*

**Automated workflow**

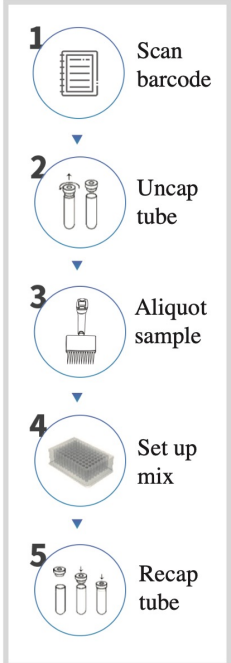
- Automates all capping/uncapping, liquid handling and barcode scanning

**Increased productivity**

- Reduce manual sample preparing workload by 90%
- Process >10000 samples / day

**Improved safety**

- Closed-door system with HEPA and UV light
- Laminar flow
- Negative pressure



System Specifications	
<b>Throughput</b>	96 samples / 12 mins 10,000 samples / 24 hours
<b>Pipetting</b>	50µL - 1000µL <b>Pipetting range:</b> 10µL – 200 µL <b>Pipetting precision:</b> 10µL: CV ≤ 2% 200µL: CV ≤ 5% <b>Pipetting accuracy:</b> 10µL: CV ≤ -10% – +10% 200µL: CV ≤ -3% – +3%
<b>Sample tube compatibility</b>	5mL/10mL sample tubes with standard screw cap
<b>Contamination Control</b>	Built-in HEPA and UV light
<b>Dimensions</b>	1200 x 706 x 1780 (mm)
<b>OR code scanning</b>	Built-in Barcode scanner
<b>Operation environment</b>	<b>Temperature:</b> 10°C - 40°C <b>Humidity:</b> 30% – 75% RH

# ANDiS 3200

## Automated Sample preparation Workstation\*

**Automated workflow**

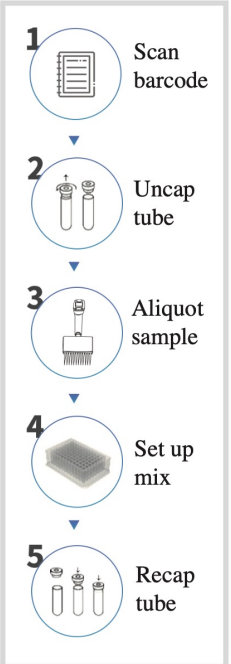
- Automates all capping/uncapping, liquid handling and barcode scanning

**Increased productivity**

- Reduce manual sample preparing workload by 90%
- Process >10000 samples / day

**Improved safety**




- Closed-door system with HEPA and UV light
- Negative pressure



System Specifications	
<b>Throughput</b>	96 samples / 12 mins 10,000 samples / 24 hours
<b>Pipetting</b>	TBA
<b>Sample tube compatibility</b>	5mL/10mL sample tubes with standard screw cap
<b>Contamination Control</b>	Built-in HEPA, UV light
<b>Dimensions</b>	1500 x 1400 x 1910 (mm)
<b>OR code scanning</b>	Built-in Barcode scanner
<b>Operation environment</b>	<b>Temperature:</b> 10°C - 40°C <b>Humidity:</b> 30% – 75% RH



# Nucleic Acid Extraction Kits and Protocols

<b>Extraction Kit</b>	<b>cfDNA Extraction Kit</b>	<b>ReadiMag FFPE DNA Extraction Kit</b>	<b>ReadiMag FFPE RNA Extraction Kit</b>
<b>System Compatibility</b>	<i>ANDiS 360</i>	<i>ANDiS 350/360</i>	<i>ANDiS 350/360</i>
			
<b>Sample type</b>	Serum, plasma	FFPE tissue	FFPE tissue
<b>Run time</b>	45 minutes	45 minutes	45 minutes
<b>Sample input volume</b>	2000-4000 $\mu$ L	5-40 $\mu$ m	5-40 $\mu$ m
<b>Elution volume</b>	50 $\mu$ L	50 $\mu$ L	50 $\mu$ L







# Automated NGS Library Preparation & Bioinformatics for Oncology

- ANDiS 500 Library Preparation System
- Library Preparation Kits for Targeted Panel NGS
  - Onco Core Tissue Kit (35 Gene + MSI)
  - BRCA1/2 Gene Mutation Detection
- TINA NGS Bioinformatics & Report Generation

# ANDiS 360 & ANDiS 500 combine to automate NGS Workflow

## Nucleic Acid Extraction



### ANDiS 360

Automated Nucleic Acid Extraction System



FFPE DNA/RNA Kit  
gDNA Isolation Kit

## Library Preparation



### ANDiS 500

Automated Library Preparation System



Onco Core Tissue Kit  
BRACA 1/2 Gene Mutation Detection Kit

## Sequencing

Compatible with Illumina sequencers:  
Miseq,  
NextSeq550 & 550DX  
NovaSeq 6000 and 6000DX

## Informatics



### TiNAiLab

Test Information Management Platform



Automated bioinformatics platform for raw sequence data analysis, interpretation, and reporting



## ANDiS 500

### Enclosed Single Specimen Library Preparation System

#### Reduced Personnel Requirement

- Only one operator required for the 3-step ANDiS process

#### Reduced Contamination Risk

- Low contamination risk due to the closed cartridge, one lid opening and one solution transfer

#### Flexibility

- Fully independent workflow of each of the 4 cartridges

- Screening and variant identification for Non-Small Cell Lung Cancer, Colorectal Cancer, Gastrointestinal Stromal Tumours, Solid Tumours, Ovarian Cancer and Breast Cancer.



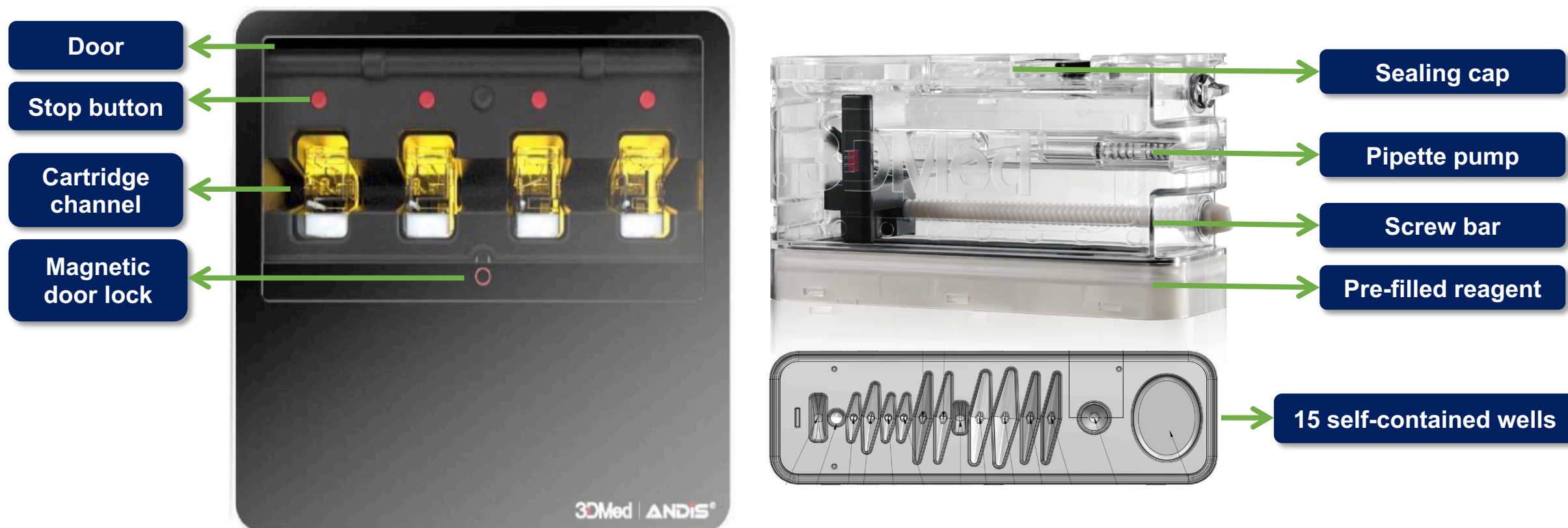
*Currently available for  
Research Use Only*

### System Specifications

Throughput	1-4 samples
Processing time	≥ 3.5 hours
Input volume	> 10ng
Reaction volume	20µL – 20-µL
Kit compatibility	3DMed Onco™ Core Tissue Kit (35 gene + MSI) 3DMed BRCA1/2 Mutation Gene Detection Kit
Dimensions	410 × 430 × 420 (mm)



- The ANDiS 500 is a fully automated enclosed single-specimen system that automates the pipetting, amplification, and purification steps involved in library preparation with the click of one button
- The pre-filled, enclosed cartridges further simplify the complex library construction process whilst significantly reducing the risk of cross-contamination





The 3DMed Onco™ Core Tissue Kit is an automated oncology library construction kit for NGS for the detection of single nucleotide variants (SNVs), deletion alterations (InDels), gene fusions (Fusions) and microsatellite instability (MSI) using DNA and RNA isolated from FFPE tumour tissue specimens.



	<b>3DMed Onco™ Core Tissue Kit</b>
<b>Cancer type</b>	<i>Solid Tumours</i>
<b>Sample type</b>	<i>DNA and RNA from FFPE tissue (tumour cell content ≥20%)</i>
<b>Input volume</b>	<i>DNA 10-50ng, RNA 10-50ng</i>
<b>Gene target</b>	<i>35 genes + MSI</i>
<b>Performance characteristics</b>	<i>2% VAF for SNV and Indels in 25ng DNA, 100copies for fusion in 25ng RNA</i>
<b>Compatible Sequencer</b>	<i>Illumina (NextSeq550, Miseq)</i>
<b>Data</b>	<i>NextSeq, 0.66G / Miseq, 0.66G</i>
<b>TAT</b>	<i>3.5 hours</i>

The test results are intended for use as a clinical reference and should not be used as the sole basis for a cancer diagnosis. The clinical attending physician should consider the test results alongside the patient's clinical history, symptoms, and other diagnostic information when determining the appropriate treatment plan.





# 3DMed BRCA1 and BRCA2 Gene Mutation Detection Kits

The 3DMed BRCA1 and BRCA2 Gene Mutation Detection Kit is an automated breast cancer library construction kit for next-generation sequencing (NGS) to detect BRCA1 and BRCA2 alterations in peripheral blood samples from ovarian or breast cancer patients. The assay targets all coding exons and intron/exon junctions of BRCA1 and BRCA2 genes.



<i>BRCA1 and BRCA2 Gene Mutation Detection Kit</i>	
<b>Cancer type</b>	<i>Germline Ovarian Cancer &amp; Breast Cancer</i>
<b>Sample type</b>	<i>Peripheral blood samples</i>
<b>Input volume</b>	<i>≥ 100ng</i>
<b>Gene target</b>	<i>All coding exon and intron/exon junctions of BRCA 1 &amp; BRCA 2 genes (± 20 bp)</i>
<b>Performance characteristics</b>	<i>Human Rnase P (Endogenous)</i>
<b>Compatible Sequencer</b>	<i>Illumina (Miseq)</i>
<b>Data</b>	<i>0.05G</i>
<b>TAT</b>	<i>5.5 hours</i>

The test results are intended for use as a clinical reference and should not be used as the sole basis for a diagnosis of ovarian or breast cancer. The clinical attending physician should consider the test results alongside the patient's clinical history, symptoms, and other diagnostic information when determining the appropriate treatment plan.



## 1. Quality Control

*Pre-alignment QC*



## 2. Base Calling

*Sequencing signal to nucleotides*



## 3. Alignment

*Alignment of reads to reference genome*



## 4. Variant Calling

*Identify difference in sample from reference*



## 5. Interpretation

*Database lookup of variants & filtering*



## 6. Report Generation

*Report generation for clinical interpretation*



*Currently available for Research Use Only*



**Sequenced data upload**



**Bioinformatic analysis**

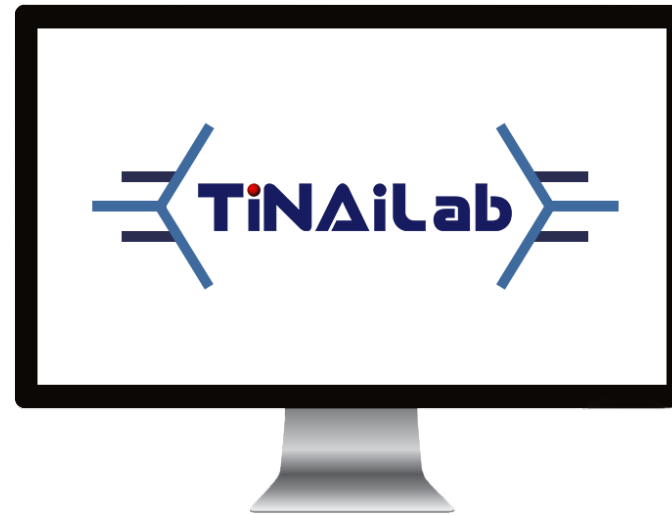


**Report generation**



**Comprehensive query**





*Currently available for Research Use Only*

## Bioinformatic Analysis

- Customizable bioinformatic pipeline that supports multiple data formats and sample type analysis
- Reduce labor cost on IT, bioinformatics and clinical geneticists
- Integrated QC

## Variant Interpretation

- Data mining and interpretation tools are used for variant interpretation, drug recommendation & clinical trial recommendation
- Customisable database add and the ability to remove functions from workflow

## Report Management

- Automated variant interpretation and report generation
- Drug recommendation for clinical decision support
- Customisable report configuration



# DNA Nudge – a revolutionary PCR technology

The DNA test panels identify specific SNPs within your genes that are associated with your predisposition to develop certain health conditions. We only include genes that have high quality research and well documented evidence behind them.

“We don’t look at genes related to metabolism or anything to do with diet, all we say is ‘if you’ve got the genes for type two diabetes, for instance, then saturated fat and sugar are your issues’ – that’s what a clinician or endocrinologist would tell you. These are very carefully-selected genetic markers from population studies with hundreds of thousands of people.” - Chris Toumazou CEO

- 1) Choose Your Nudge
- 2) Return a cheek swab
- 3) Receive DNA report directly onto the DnaNudge App
- 4) Scan your smartphone while shopping to personalise your purchases based on your DNA



<https://www.dnanudge.com/>



### Nutrition Nudge

In this personalised report, we analyse 8 nutrition-related genetic traits and link these to macronutrients in the food we eat, enabling you to make the healthiest choices for you every time you shop - simply by scanning the product barcode to see if it’s red or green for you.



### Skincare Nudge

In this personalised report, we analyse 8 skin-related genetic traits and link these to ingredients in the facial skincare we use, enabling you to make the best choices for your skin every time you shop - simply by scanning the product barcode to see if it’s red or green for you.



### Active Nudge

For ultimate personalisation of your DNA test results, your Active Nudge will constantly update your DNA-based recommendations in real time, monitoring your inactivity levels throughout the day and relating these back to your available GREEN product choices.



# SeamBiosis will provide a Local PPE Recycling Solution

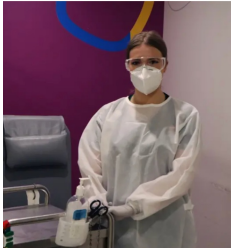


**Product Recycling:** Disposed PPE (PET) waste is treated using proprietary technology, resulting in sterile, purified raw-block base material.

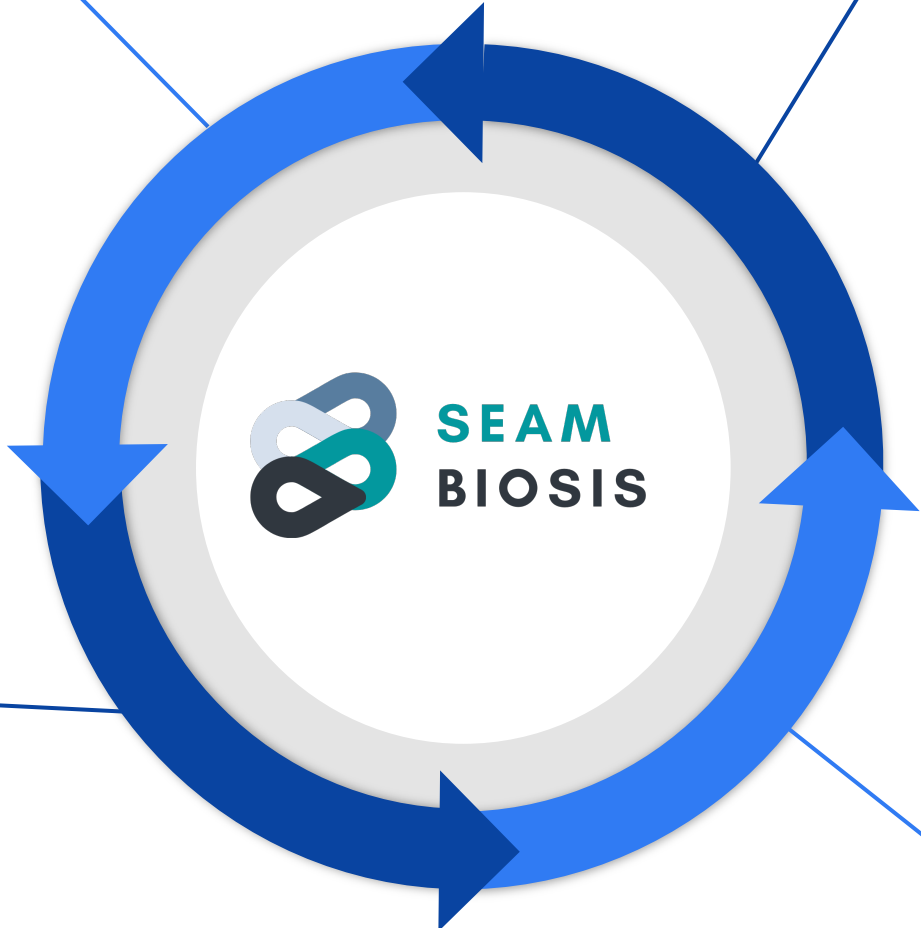
Disposed garments are collected from hospitals and delivered to BlockTexx



**Collection & Sterilization:** Gather and distribute discarded hospital garments, and redistribute treated, recycled garments.



State health departments have secured long-term contracts for locally made gowns. With guaranteed future orders, Equinox can invest in local raw materials and gown recycling technology.



Raw recycled polymer blocks are supplied to OzHealth Plus, mixed with local virgin SMS material for medical-grade final products. As scale increases, blended recycled product costs will significantly decrease.



**Fabric Production:** OzHealth Plus utilizes raw blocks to create medical-grade SMS (spunbonded, meltblown fabric) and composite non-woven materials.

Fabrics are distributed to thread apparel for garment production

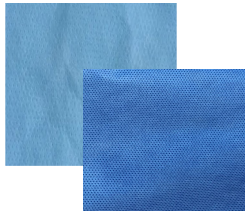


**PPE Manufacturing:** Ultrasonic welders produce top-quality surgical gowns, providing advanced manufacturing jobs.



Polyester is dried further and then extruded into pellet.

Cellulose is dried into a powder.



# Equinox MDS Demo Lab at The University of Sydney



We're thrilled to announce the arrival of our latest cutting-edge NGS Sequencing Support Systems at our Molecular **D**iagnostics & **S**equencing Demo Lab.

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