



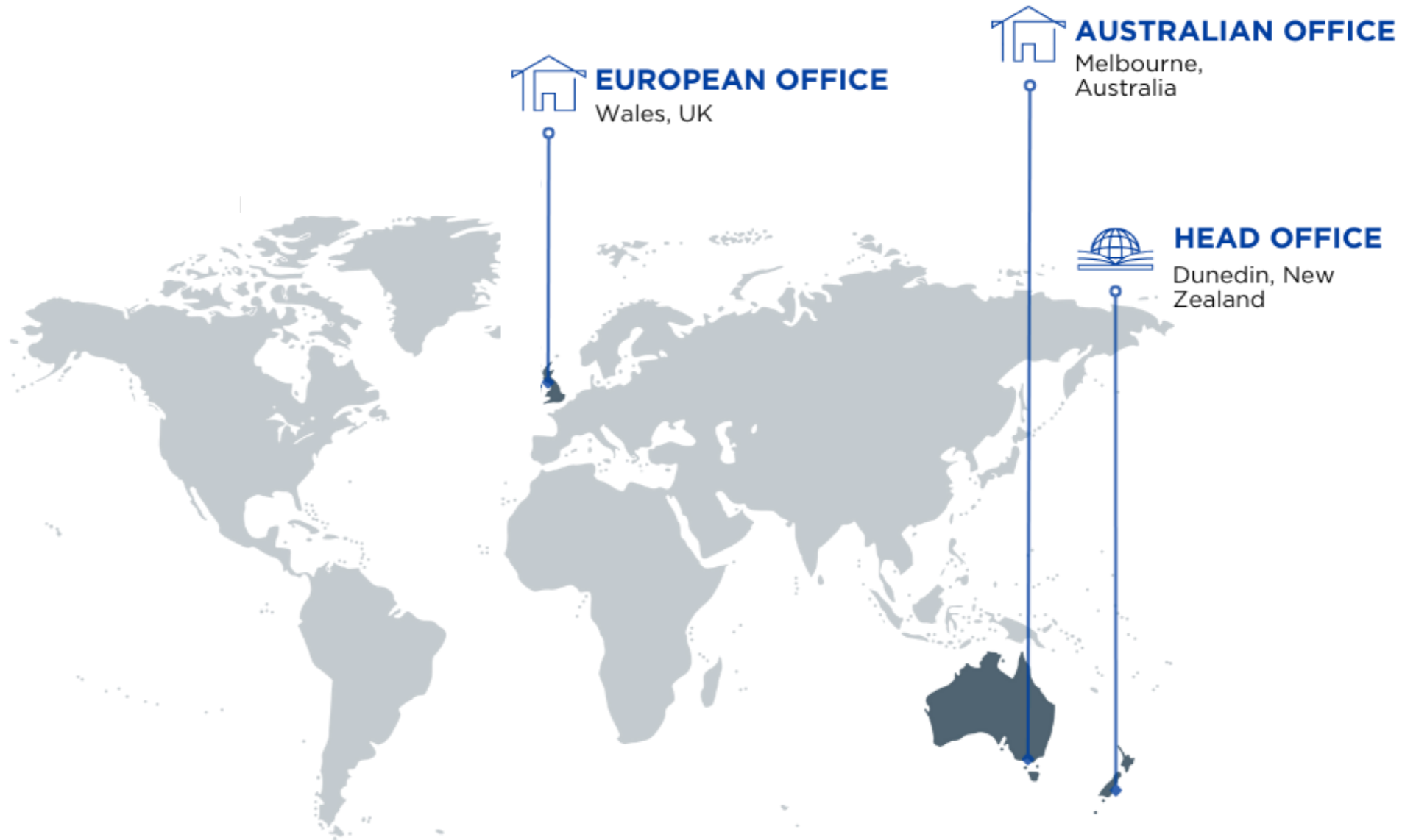
FEC AND FLUKE EGG TESTING WITH FECPAK^{G2}

- For Farmers, Retailers and Veterinary Clinics
- Quick, Easy Results
- Attract **NEW** Customers
- New **Revenue** Stream



THE COMPANY

- Techion is a **privately** owned company
- FECPAK^{G2} has more than **20 years** experience FEC testing
- FECPAK^{G2} has networks across the world
- FECPAK^{G2} undertakes R&D in **NZ, UK and Europe**
- FECPAK^{G2} has a network of **international research partners**



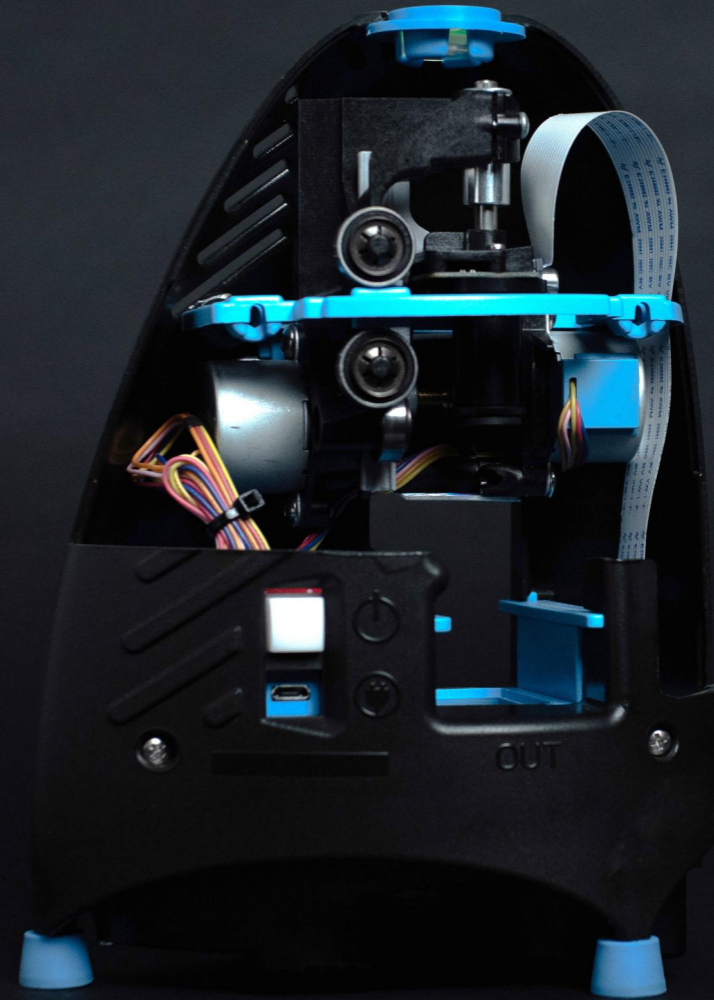


WHY OFFER FEC TESTS IN-STORE AND CLINIC?

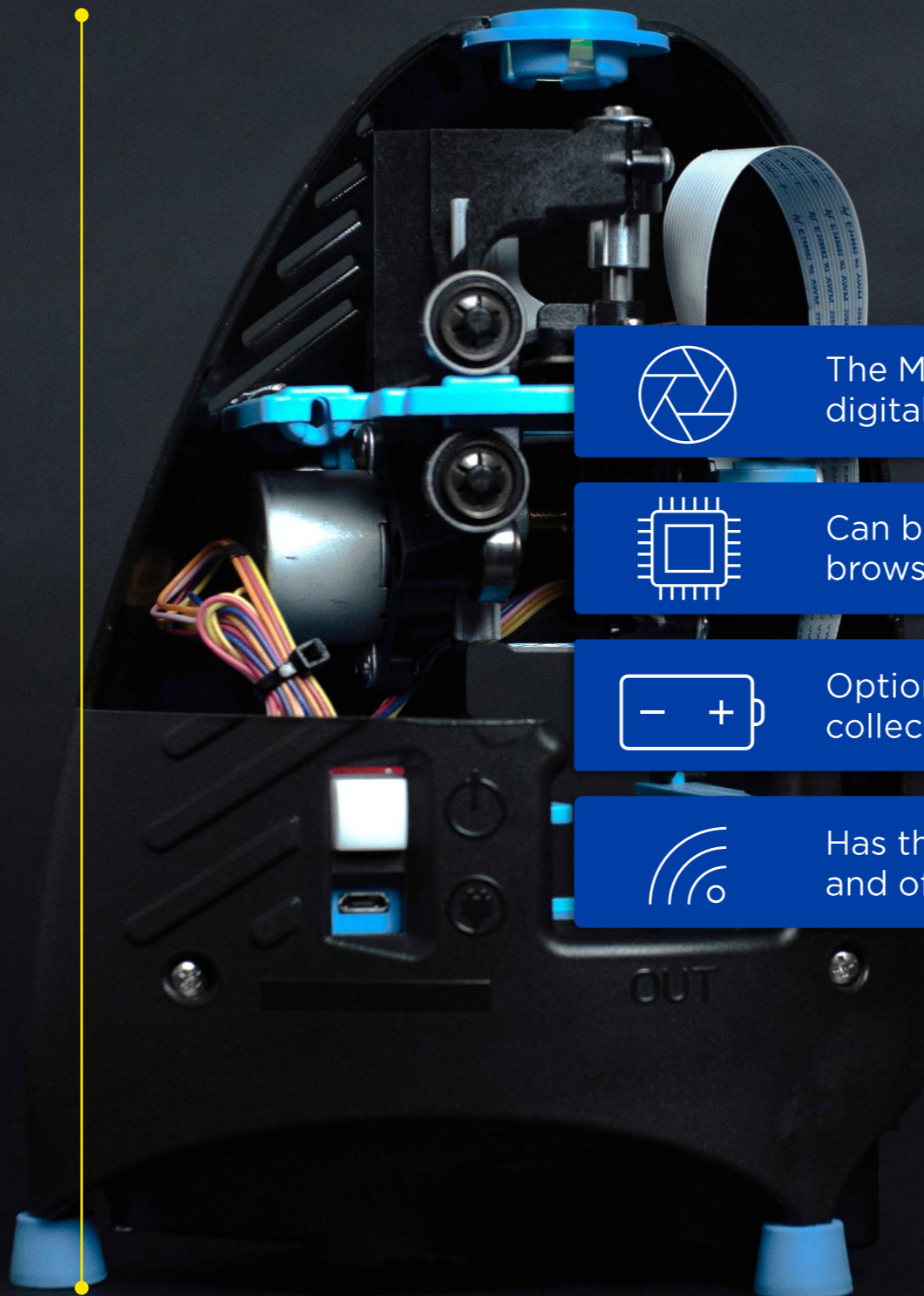
- ✓ Attract new customers and boost revenue
- ✓ Provide customers another reason to visit the store
- ✓ Establish trust with customers with the latest FEC technology
- ✓ Empower your staff to strengthen customer relationships
- ✓ Demonstrate support by promoting responsible wormer use
- ✓ Assist customers improve animal health

THE MICRO-I IMAGING DEVICE

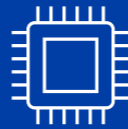
Designed for use in the
field, clinic, store or
laboratory



Height 7.8", Weight 1.4lb



The Micro-I 100 can capture high-resolution images, digitally stack images to improve depth of field



Can be controlled by all smart devices via a web browser interface



Optional battery-powered operation for sample collection and processing from any location



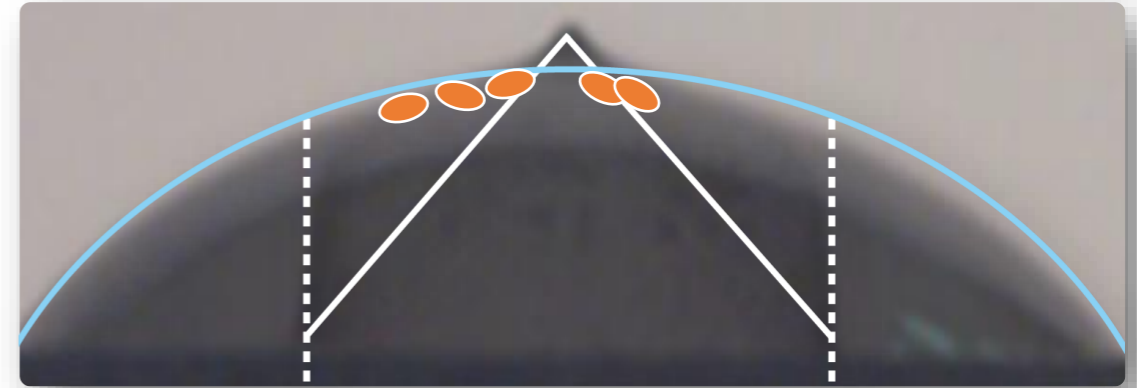
Has the ability to capture images for analysis online and offline (*images uploaded when back online*)

THE INTERNET-ENABLED PLATFORM **CONNECTS** LIVE DATA AND FARM INFORMATION WITH DISEASE MANAGEMENT EXPERTISE

- Platform offers basic test result decision support and access to supplementary information
- Experts can be linked for further interpretation and advice
- Automated prompts ensure program integrity and execution



EGG ACCUMULATION



STRONGYLES



✓ **HAEMONCHUS**
Barberpole Worm



✓ **TELADORSAGIA/
OSTERTAGIA**
-Brown Stomach Worm



✓ **COOPERIA**
SM. Intest Worm



✓ **TRICHOSTRONGYLUS SPP**

NEMATODIRUS



✓ **NEMATODIRUS BATTUS**
Threadneck Worm

OTHER PARTICLES



✓ **STRONGYLOIDES**
Thread Worm

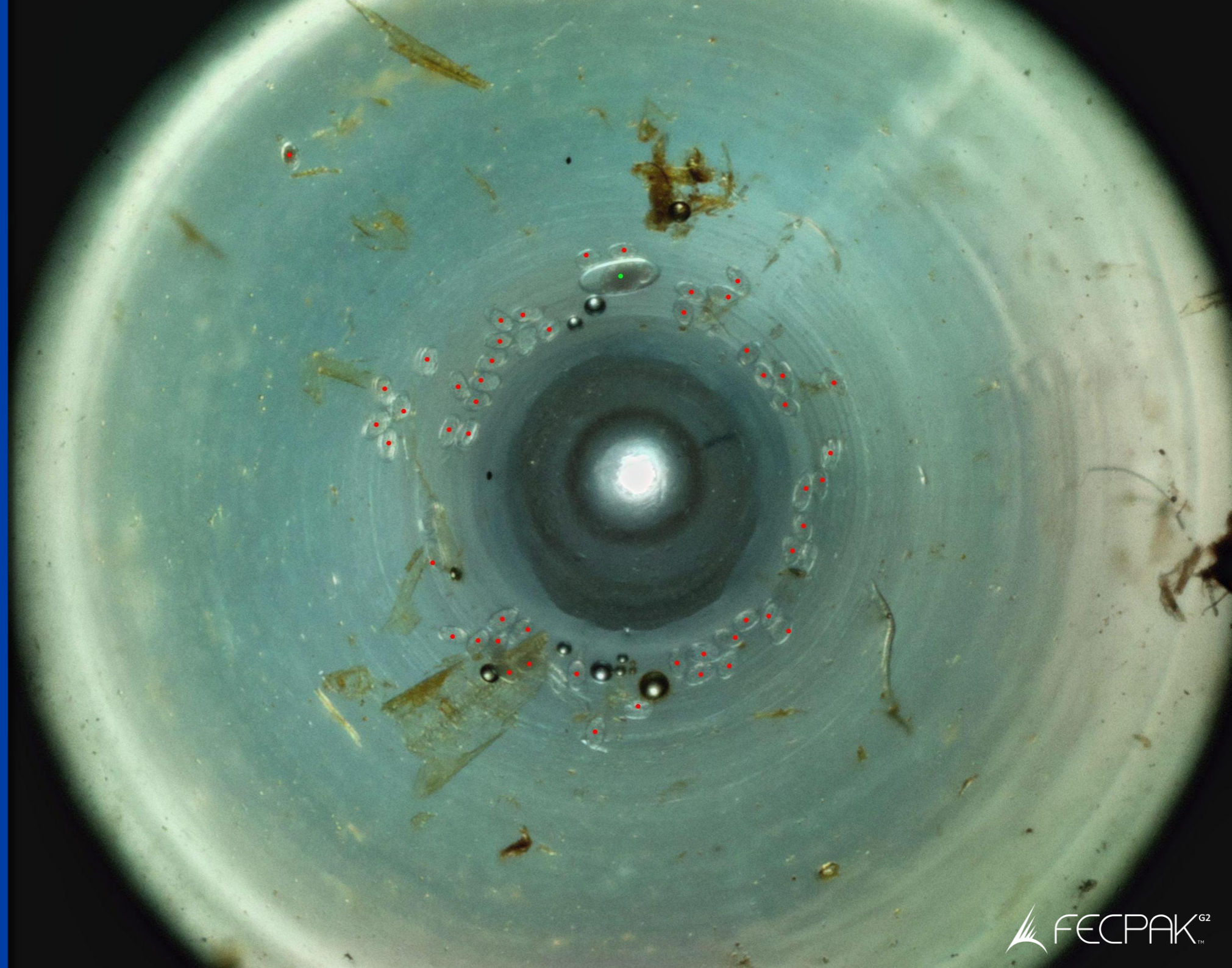


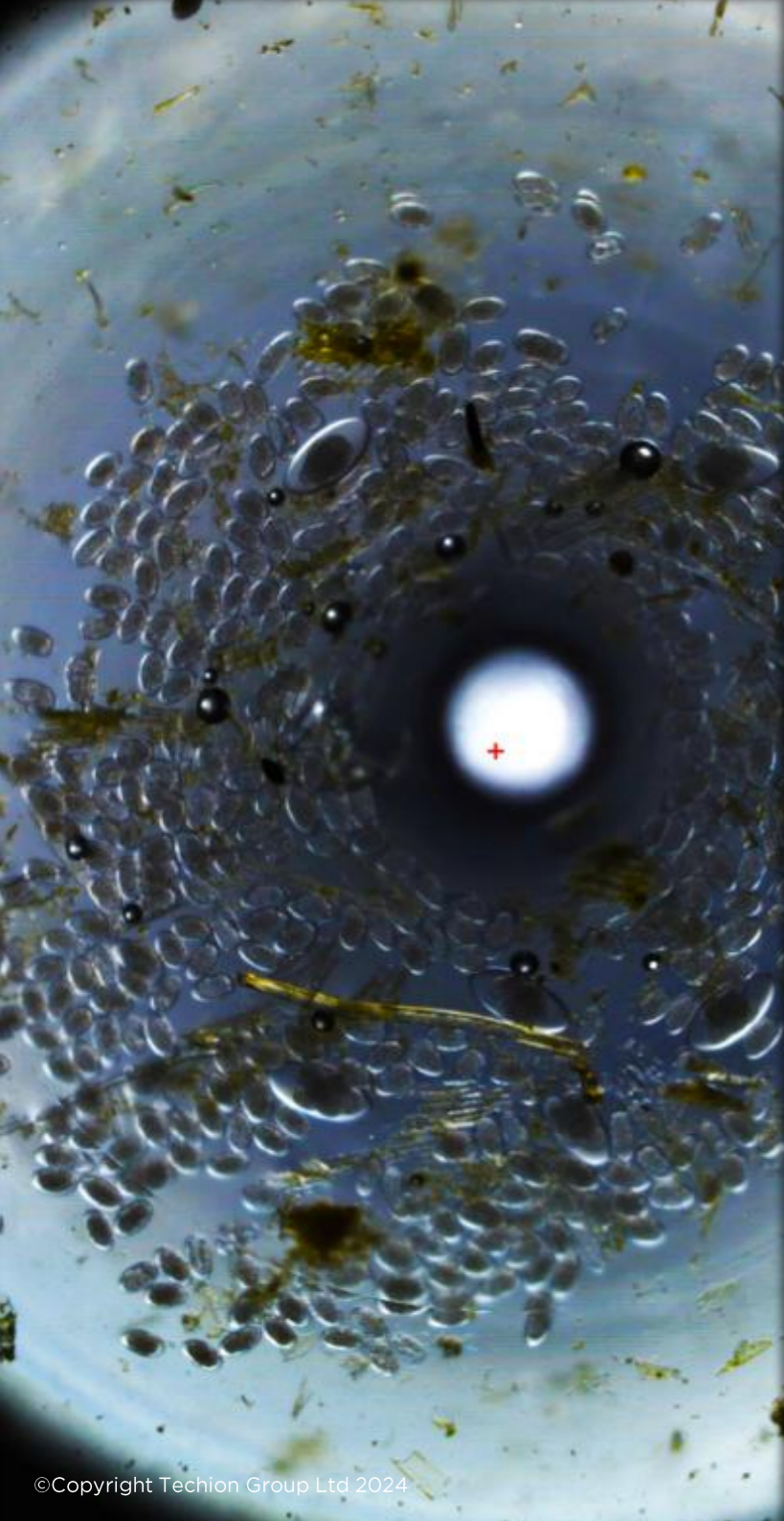
✓ **MONIEZIA**
Tapeworm

EGG ACCUMULATION



A.I.
EXAMINES
FEC IMAGES
CONNECTED
TO THE
FECPAK^{G2}
PLATFORM





FEC SPECIFIC DETAILS

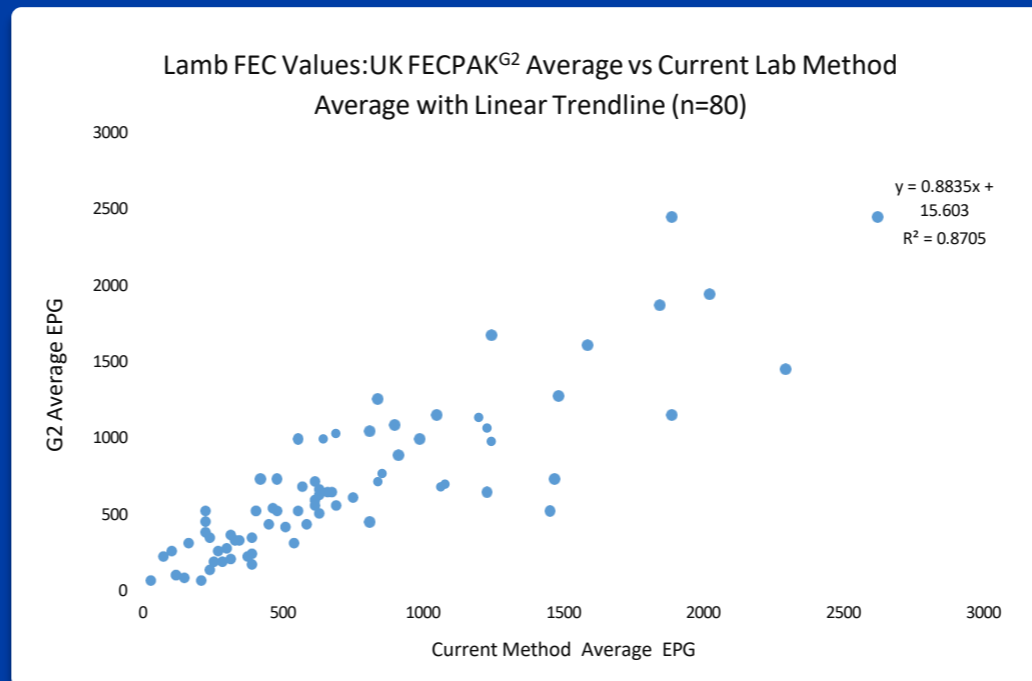
TEST DETECTION LEVELS (Sensitivity)

Sheep, Goats, Alpacas – 35 epg

Cattle – 20 epg

Equine - 30 epg

PEER-REVIEWED SCIENTIFIC VALIDATION [HERE](#)



PRIFYSGOL ABERYSTWYTH UNIVERSITY

Validation of the FECPAK^{G2} faecal egg counting platform for horses

Fiona Tyson, Prof. Peter M. Brophy & Dr Russ M. Morpew

Faecal egg counts (FECs) are the gold standard for diagnosing nematode infection in horses. Testing egg counts prior to routine treatment is an important factor in slowing wormer resistance. The FECPAK^{G2}, previously optimised for sheep, allows owners to perform FECs on their own animals without specialist knowledge or equipment. FEC images are automatically added to the FECPAK^{G2} database allowing large scale analysis of nematode infection levels and the identification of nematode 'hotspots'. We assessed the suitability of the FECPAK^{G2} method for horses comparing it to the FECPAK^{G1}, an equine industry standard FEC method. 99 faecal samples from nematode infected horses were used. There was no significant difference between the FECs obtained using the two. Accuracy of the FECPAK^{G2} method remained high yet the repeatability was improved in the FECPAK^{G2} method. Thus, FECPAK^{G2} is a highly acceptable method of performing FECs in horses allowing targeted selective treatments.

Equine FEC produced by the MICRO-I

Benefits for third parties

- Perform FECs without sending samples away
- Eliminates cost and inconvenience of postage or delivery to a veterinary practice
- Result emails can be easily shared with your vet/ advisor and incorporated into treatment plans

Benefits for veterinary practices and commercial laboratories

- Individual clients hosted within the software
- Clients can view test results and treatment advice via a web portal
- Results of each test are automatically calculated and emailed directly to the client
- Log created for the practice or laboratory
- Operators only required to process the sample
- FECs can be performed by the practice itself with this option providing a cost saving in the operation of the system yet still allowing automated client notification and database production

Accuracy of the horse industry recognised FEC methodology FECPAK^{G1} with the novel FECPAK^{G2}

FECPAK^{G2} Nematode Location Parasite Diagnostics

FECPAK^{G2} represents next generation faecal egg counting for the horse sector. FECPAK^{G2} will offer an overall parasite management system for horses that promises to bring worming practices into the 21st century.



FECPAK^{G2} **FLUKE** EGG TEST

INNOVATIVE LAUNCH:

- Introduced in late 2022
- Combines cutting-edge Micro-I digital microscope, filtration/sedimentation system, and AI technology
- Accurately detects adult Liver and Rumen Fluke
- Perfect for field and laboratory settings

KEY FEATURES:

- Easy, non-invasive sample collection
- Durable, portable, and highly reliable
- Secure online results storage for Quality Assurance

WEB BROWSER-STYLED **INTERFACE** MAKES SUBMITTING A SAMPLE EASY AND INTUITIVE

The image displays two overlapping screenshots of the FECPAK web interface. The background screenshot shows the main dashboard with navigation options like 'Home', 'SAMPLES', 'RESEARCH', and 'TEST KITS'. It features buttons for 'Create a submission' and 'Send a test kit sample', a 'Status' notification for 'Micro-I 100 (547) is not detected', and a 'Notices' section.

The foreground screenshot shows the 'RESULTS' page. It includes a search bar with the text 'becxs' and a filter dropdown set to 'Filter by distributors'. Below this is a table with the following data:

SUBMISSION	NAME	PROPERTY	DATE
145795	Becxs Bush	Becxs Bush Farmer	Jun 14, 2024
145660	Becxs Bush	Becxs Bush Farmer	Jun 12, 2024
138166	Becxs Bush	Becxs Bush Farmer	Jan 22, 2024

COMMERCIAL RESULTS REPORTING

Flexibility to set up a multitude of clients' reporting requirements.



Results Report

FECPAK^{G2}

Submitted By: Client A Surname
Client Details: Sunny Farmer
N/A
Techion Group
Company Details: Not Specified
Rep/Field Staff Details: Not Specified

FECPAK^{G2} Provider:
Company Name: Techion Group Ltd

Submission Details:
Date Submitted: 07 Oct 2024
Lab ID: 153482
Submission Comments: Not Specified
Treatment Guide: <https://u.fecpaka2.com/treatment-guide-nz-sheep>

Animal Type: Sheep
Service Type: Sheep FEC

Results Summary:

Sample Name	Hoggets
Sample ID	522165
Sample Type	FEC
Date Collected	08 Oct 2024
Stock Class	Hogget, ewes
Breed	
Paddock	Top Green Hill
Performance Concern	No
Stock Condition	Moderate
Date Treated	26 Aug 2024
Treatment Used	
Strongyle FEC	490 epg
Nematodirus FEC	105 epg
Total FEC	595 epg

Decision Support:
Sample Name: Hoggets
Total FEC: 595 epg

Please refer to the Treatment Guide, linked above, for Decision Support Guidelines. If this is a post-treatment result use the [Post-treatment FEC test calculator](#) to calculate your drench



FECPAK^{G2} HAS YOU COVERED

COMING IN 2025

- ✓ Instant FEC results thanks to AI
- ✓ Coccidia testing for sheep and cattle
- ✓ Haemonchus identification
- ✓ Speciation



Scientifically validated, FECPAK^{G2} expertly tests FEC in sheep, cattle, equine and camelids



Fluke test is scientifically validated for sheep and cattle



WHY CHOOSE FECPAK^{G2}



Unparalleled UK-based support



Competitively priced



20-Years of experience



Environmentally friendly with no single-use plastics



Free repairs for fair use



Scientifically validated



Developing NEW tests for 2025



Only requires saline solution as a consumable



Tests results stored securely



DEDICATED SUPPORT



FULL TRAINING
PROVIDED



CALL OUR TEAM
IN OFFICE HOURS



ONLINE
KNOWLEDGE HUB

fecpkg2.com

