

Pioneering Pain-free Solutions

Transforming testing with non-invasive, cost-effective, reliable solutions.



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We are a medical technology company delivering intelligent, rapid, non-invasive testing solutions.

Our mission is to redefine the approach to testing and deliver pain-free, accessible solutions that drive transformative change and improve the quality of life.



Simpler Drug Testing

Our Intelligent Fingerprinting Drug Screening System is revolutionizing portable testing through fingerprint sweat analysis, which has the potential for broader applications in additional fields.

This highly accurate, efficient, and costeffective system is designed to screen for recent use of drugs commonly found in the workplace, including opiates, cocaine, methamphetamine, and cannabis.

How it Works

Drug Metabolites

Our bodies metabolize substances into detectable chemicals (metabolites) in blood, urine, saliva, and sweat.

Sweat Detection

The Intelligent
Fingerprinting
System detects
recent drug misuse
by screening
metabolites in sweat
from fingerprints.

Detection Window

The System tests for fitness for duty on the day and has a detection window of 16-24 hours.

Lateral Flow Technology

The cartridge uses lateral flow assay technology and fluorescence-labelled antibodies.

The Reader provides fast, presumptive results for each drug tested.



3 Steps to Simpler Drug Testing

Donor places the tip of each finger on the fingerprint collection area for 5 seconds.

2 Test administrator inserts the cartridge into the digital reader.

In less than 10 minutes the reader provides results.

Benefits of Fingerprint Drug Testing



Reduce Risk

Aim to identify current impairment rather than past use with a detection window of 16-24 hours.



Save Costs

Bring drug testing in-house and eliminate the need for specialized staff or facilities.



Increase Efficiency

Rapidly collect samples and employ batch testing to analyze drug screening results in minutes.



Expand Testing Capabilities

Conduct screening at any time and location using a compact and portable system.



Respect Dignity & Privacy

Preserve employee dignity with quick, non-invasive, and hygienic analysis of fingertip sweat.



Ensure Testing Integrity

Prevent foul play and maintain sample integrity through administratorsupervised testing and self-locking sample seals.

Intelligent Fingerprinting Platform

vs Other Drug Testing Standards

	Urine	Saliva	Intelligent Fingerprinting
Window of Detection	1 – 4 days	Up to 48 hours	Up to 16 hours
Typical Time for Results	Onsite or lab (1 – 3 days after lab receipt)	Onsite or lab (1 day after lab receipt)	Onsite or lab
Typical Time of Test* * Includes preparation, collection and time to result	20 mins – 4 hours +	20 mins +	< 10 mins
Specialist / Training Required	Yes	Yes	No
Biohazardous	Yes	Yes	No
Directly Observed	No	Yes	Yes
Drug Screening	Amphetamines, Barbiturates, Benzodiazepines, Cannabis, Cocaine, Methadone, Opiates, Oxycodone, PCP, Synthetic Cannabinoids and Synthetic Stimulants ¹	Amphetamines, Cannabis, Cocaine, Methamphetamines, Opiates, Oxycodone and PCP ²	Benzodiazepines, Buprenorphine, Cannabis, Cocaine, Methadone, Methamphetamine and Opiates
Cost* *Point of Care Testing (Back to lab test approximately \$300)	Approx. \$300	Approx. \$300	Approx. \$20*

¹ Quest Diagnostics "Urine Testing FAQs" | ² Quest Diagnostics "Oral Fluid Testing FAQs"



SmarTest Sweat Drug Testing Patch

Non-invasive, Wearable Sweat Patch For Continuous Drug Monitoring

The SmarTest Patch is a discreet, wearable device that enables continuous drug detection over a 7 to 10-day period. Worn on the upper arm, it collects sweat in real time to monitor for a broad range of substances, including fentanyl, cocaine, opiates, and more.

SMARTOX Sweat Patch Panel

Substance	SmarTest Sweat Patch	Competitor Standard	Competitor Expanded
Cocaine	•	•	•
Opiates	©	•	•
Codeine	©	•	•
Morphine	©	•	•
Methamphetamine	©	•	•
Amphetamine	©	•	•
Marijuana	©	•	•
Phencyclidine	©	•	•
Hydrocodone	©	•	•
Hydromorphone	©	•	•
Fentanyl	©		•
Oxycodone	©		•
Oxymorphone	©		•
Benzodiazepine	©		•
Buprenorphine	©		•
Norbuprenorphine	©		•
Methadone	©		•
Barbiturates	©		

Market Opportunity

Leveraging intelligent non-invasive testing to address global demands



USA MarketPotential

Addressing a \$400 billion substance abuse problem¹

Drug Screening Products Market Segment Size: \$14.9 billion by 2030²

CAGR: 12.1%²

Key Drivers

- Stringent regulations and a focus on workplace safety.
- Growth in substance abuse cases.
- Demand for faster, non-invasive testing technologies.

Opportunity for Fingerprint-Based Solutions

- Aligns with market demand for convenience, speed, and accuracy.
- Poised to disrupt traditional urine and saliva testing methods.

¹ U.S. Department of Health and Human Services. *The Surgeon General's Report on Alcohol, Drugs, and Health.* Available at: https://www.hhs.gov/sites/default/files/facing-addiction-in-america-surgeon-generals-report.pdf

² Research and Markets, 2024. *Drug Screening – Global Strategic Business Report*. Available at: https://www.researchandmarkets.com/reports/4804177/drug-screening-global-strategic-business-report

Growing Drug Consumption

Almost 292 million (or 1 in 18) people used a drug in 2022, 20% more than a decade earlier



228 million

cannabis users,
representing 4% of the
global adult population and
making it the most used
drug in the world.



60 million

opioid users, representing 1.2% of the global adult population.



30 million

amphetamine users, representing 0.6% of the global adult population.



23.5 million

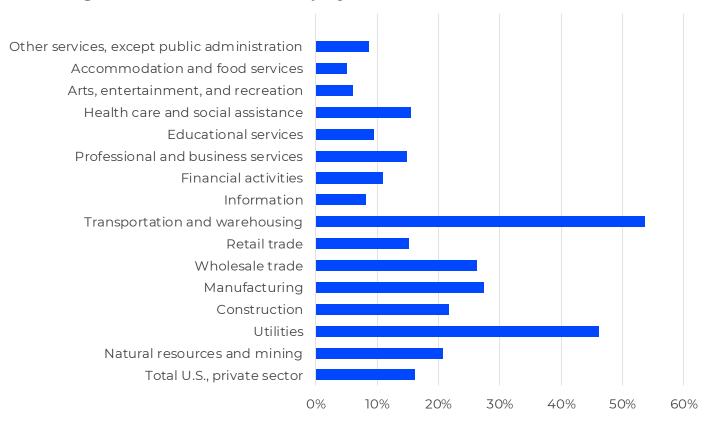
cocaine users, representing 0.45% of the global adult population.

Statistics: UNODC World Drug Report 2024, reporting on the 2022 market. Statistics are based on the number of people who used drugs in the global population aged 15-64.

Drug Use in the Workplace

Drug and Alcohol Testing per Industry 2021

Percentage Of New And Current Employees¹



More than 70% of those abusing alcohol or illicit drugs in the US are employed.²

Drugs are becoming an increasing contributor for accidents in the workplace. Drug test positivity postaccident has climbed over the last 5 years.³

¹ US Bureau of Labor Statistics, 2021. Business Response Survey 2021 Charts: Establishments that are drug testing or alcohol testing new applicants or current employees, by industry (percent). Available at:

https://www.bls.gov/brs/data/charts/2021/#drug%20and%20alcohol%20testing_currently%20testing_industry

²Centers for Disease Control and Prevention, 2023. Mental Health, Alcohol Use, and Substance Use Resources for Workers and Employers. Available at: https://blogs.cdc.gov/niosh-science-blog/2023/10/10/mental-health-substance-use³ Quest Diagnostics, 2022. Workforce Drug Test Positivity Climbs to Highest Level in Two Decades, Finds Quest Diagnostics Drug Testing Index Analysis. Available at:

https://newsroom.questdiagnostics.com/2022-03-30-Workforce-Drug-Test-Positivity-Climbs-to-Highest-Level-in-Two-Decades,-Finds-Quest-Diagnostics-Drug-Testing-Index-Analysis

Customers

450+ active accounts



Customer Base



Leading london bus operator with 2,300 drivers and staff.



Regional airline operating within the UK and Ireland.



Civil and electrical engineering firm with 200+ employees.



40+year old civil engineering firm with 200+ employees.



Government administrator with 500+ employees.



UK steel stockholder and processor with 200+ employees.



Operates in U.K.s busiest estuary with 200+ employees.



One of the world's largest global 3rd party logistics providers.



50 year old construction firm with 500+ employees.



Major civil construction firm with 500+ employees.



Engineering firm with 550+ employees.



Construction company with 200+ employees.

Government & Law Enforcement

Italian border control have used the System to identify drug traffickers. Read more <u>here</u>.

Police in Turin (Italy) are currently trialing the system for Roadside drug testing.

Brazilian police have had a positive experience with the system. Read more <u>here</u>.



Customer Testimonials

Auctus Management Group

"The Intelligent
Fingerprinting test has
many benefits,
including rapid on-site
results, hygiene, nonintrusiveness and
convenience for testing
at scale."

DGP Plc

"By using fingerprint drug testing, I no longer have to take people off a project for half a day for screening – we can conduct the tests there and then."

Robinson Brothers

"From our initial cost analysis, we see fingerprint-based drug screening as highly cost-effective. We estimate that Intelligent Fingerprinting will allow us to conduct the same volume of tests at around half the cost."

P&O Ferries

"When we first saw fingerprint sweat-based drug screening in action, we knew it would be a great fit for P&O Ferries and our need for a flexible system that we could use on board our ferries."

Summary



Increased revenue and growth, utilizing the Razor/Razor-blade model.



Large growing customer base with 1000+ installed readers and 450+ active customers.



Multiple milestones completed as we progress toward planned 2025 U.S. market entry.



Rapid, non-invasive, cost-effective solution to address the growing global drug screening market.

Capitalization Table

Securities Outstanding (as of August 18, 2025)			
Common Stock Issued	8,979,152		
Warrants Prefunded/Pre-paid	700,644		
Total Common Equivalent Shares	9,679,796		
Warrants Cashless	492		
Warrants (Exercise Price Between \$1.90- \$5.00)	6,285,855		
Warrants Common Stock Equivalent – WAEP of \$388.91	167,991		

^{*}No ratchets or resets.

Thank You

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