

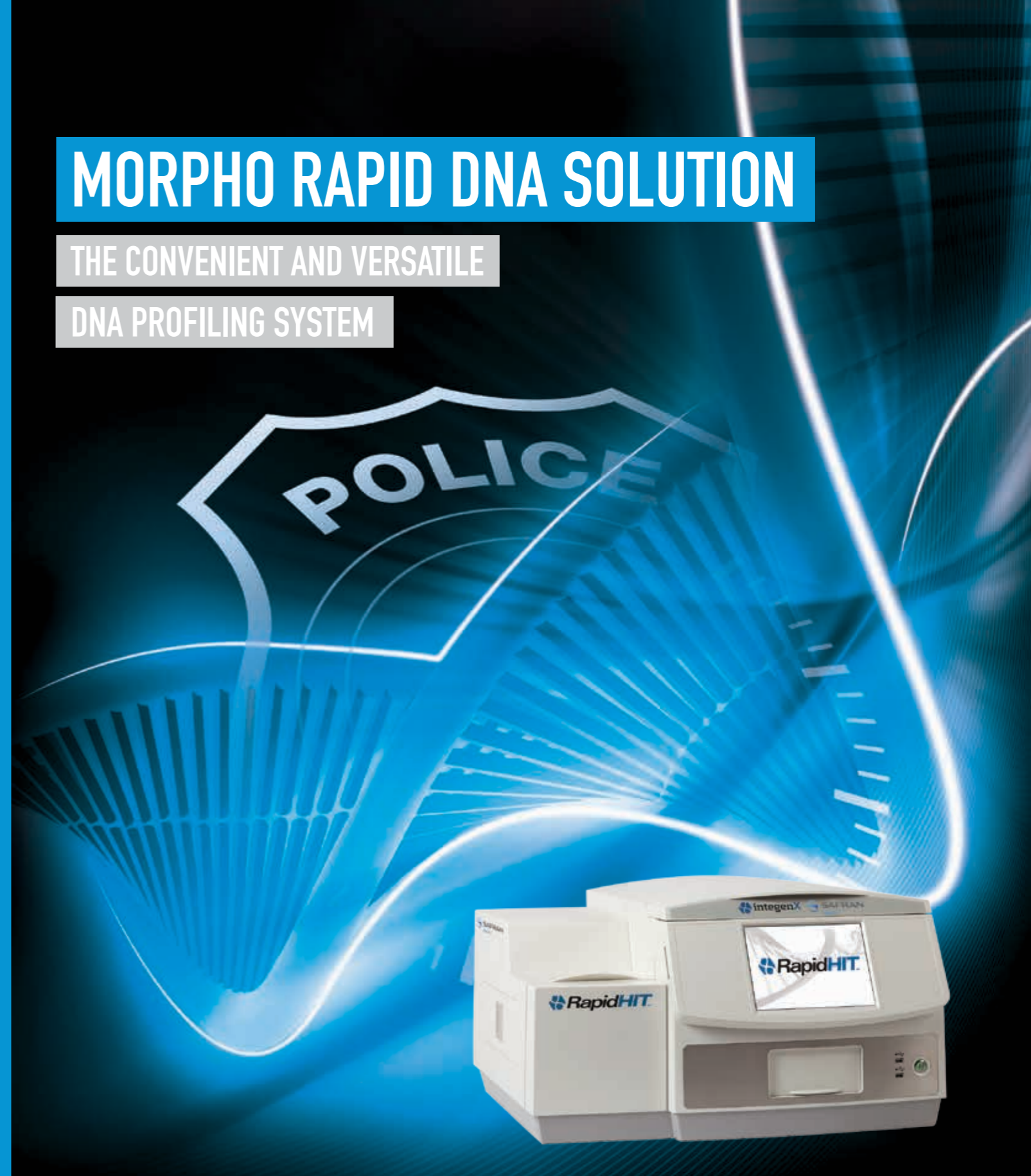
MORPHO RAPID DNA SOLUTION

THE CONVENIENT AND VERSATILE

DNA PROFILING SYSTEM

KEY MISSIONS, KEY TECHNOLOGIES, KEY TALENTS

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This integrated solution needs less than 2 hours to provide a unique DNA profile from an individual sample or from crime scene evidence, speeding up your investigation.

Morpho

Phone: +33 (0)1 58 11 73 42 - Fax: 33 (0)1 58 11 25 50 - www.morpho.com
Registered Office : 11, boulevard Gallieni - 92130 Issy-les-Moulineaux - FRANCE
Société anonyme au capital de 159.876.075 euros - 440 305 282 RCS Nanterre



MORPHO RAPID DNA SOLUTION

THE CONVENIENT AND VERSATILE DNA PROFILING SYSTEM

A DNA PROFILE IN LESS THAN 2 HOURS

Based on technology developed by our partner, IntegenX, Morpho offers an integrated device able to process from 1 to 7 samples producing standardized DNA profiles within 2 hours. With minimal operator intervention, the RapidHIT produces high-quality results complying with international standards and comparable in every respect to those obtained by established laboratory procedures.

FLEXIBLE PLATFORM TO ACCELERATE CRIME SOLVING

The RapidHIT processes both saliva and blood samples from a variety of commonly found crime scene samples.

ADAPTED TO MANY SITUATIONS



COMPATIBLE WITH MANY DNA COLLECTION TOOLS SUITABLE FOR MANY SITUATIONS



COMPATIBLE WITH A LARGE VARIETY OF SAMPLES



EASE OF USE



STEP 1
COLLECT DNA SAMPLE

STEP 2
LOAD SAMPLE AND INSERT CARTRIDGES

STEP 3
RUN THE ANALYSIS

STEP 4
CHECK RESULTS AND GENERATE REPORT

HIGH PERFORMANCE

- High accuracy
 - Buccal swabs: 100% concordance for DNA levels as low as from just one cheek touch
 - Blood: 100% concordance for DNA levels as low as a single drop of blood on both cotton swab and FTA paper
- High quality investigative leads in under two hours
- Same high profile quality from old or fresh samples
- High success rate even in the presence of common inhibitors

EXAMPLE OF DNA INTEGRATION INTO POLICE BUSINESS PROCESS

To be successful, the Rapid HIT integration into the current police business process must be supported by experts. Morpho benefits from an unrivaled knowledge of the booking station market based on more than 30 years of experience in this area. Together our expertise in system integration, long term partnership and adaptation to customer needs will ensure your success.



MAIN FEATURES

- A simple touch screen instrument interface requiring no technical background to commence analysis
- Run from 1 to 7 samples; allows for cost effective and flexible operation in any setting
- Up to 24 loci making the RapidHIT compatible with all international databases
- <2 hours from collection to DNA result
- Protocols adapted to the type of sample (individual reference, crime scene)
- Robust design allowing for deployment in almost any environment, e.g. booking station, mobile vehicle, or laboratory
- NDIS approved chemistry

KEY BENEFITS FOR LAW ENFORCEMENT AGENCIES

- Powerful tool to speed up police investigation
- Turnkey solution to deploy DNA analysis in any setting
- Fast and reliable approach to synchronize arrestee and crime scene samples
- Simplifies the DNA process
- Decrease DNA sample backlogs by greater throughput and shorter analysis time
- Improving the capacity of forensic experts to interact in real time with police investigators and magistrates