



SEQUENCE PRO

Hands-free sample-to-PCR automaton

ADNucleis
Architect in diagnosis

Autonomous biomolecular testing

The Sequence Pro is a fully automated qPCR analysis robot. With its on-board thermocycler, it can perform extraction, purification and amplification from 1 to 16 samples. After inserting samples and reagents, the machine performs all the steps of the qPCR analysis autonomously without operator intervention until the results are edited (expressed in Ct and/or CFU).



Environnement



Animals

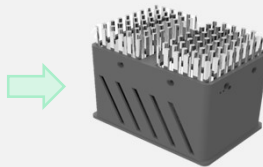


Food

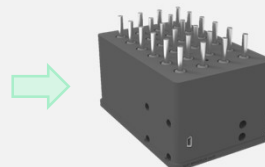
Sample



Extraction



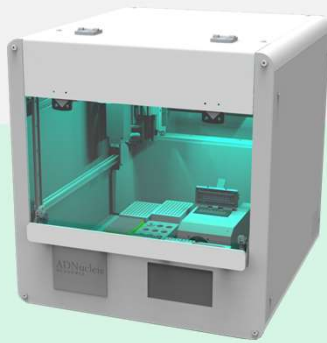
Purification



PCR



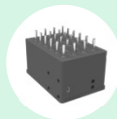
Results



Embedded hardware



3-axis robotic arm



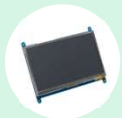
Magnetic module



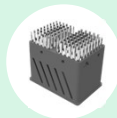
10-1000µl monochannel pipette



2-channels thermocycler



Touchscreen



Heating module

Throughput

Pathogen sought in each sample

Sample analysed over a period of 7 hours

1

32

2

24

4

18

8

10

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Setup (samples / target per sample)

Analysis time

16 samples
1 target

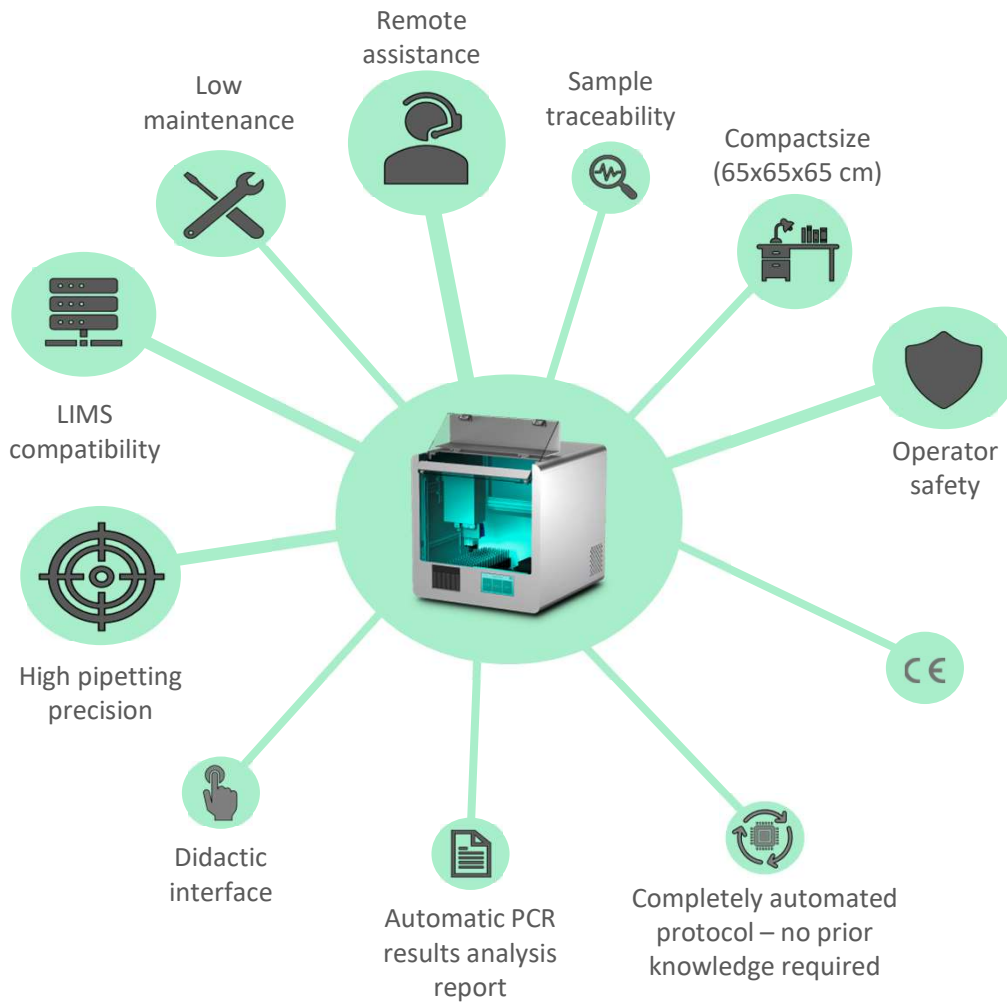
8 samples
2 targets

2 samples
8 targets

4h30

3h

2h30



Our partners



A4242



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