



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

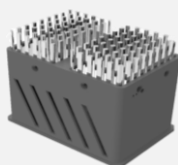


Food

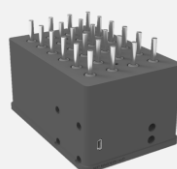
Sample



Extraction



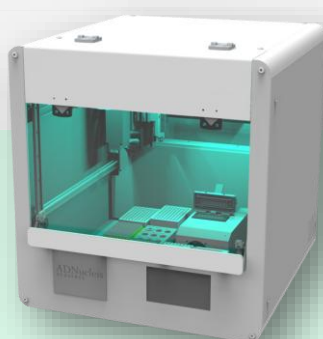
Purification



PCR



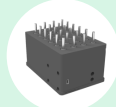
Results



Embedded hardware



3-axis robotic arm



Magnetic module



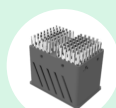
10-1000µl
monochannel
pipette



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

ADNucleis

Parc Cap Ouest, 24B rue du Stade. 69290 Grézieu la Varenne. FRANCE.

+33(0)4 78 56 79 36. www.adnucleis.com Version 1



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Setup (samples / target per sample)

Analysis time

16 samples
1 target

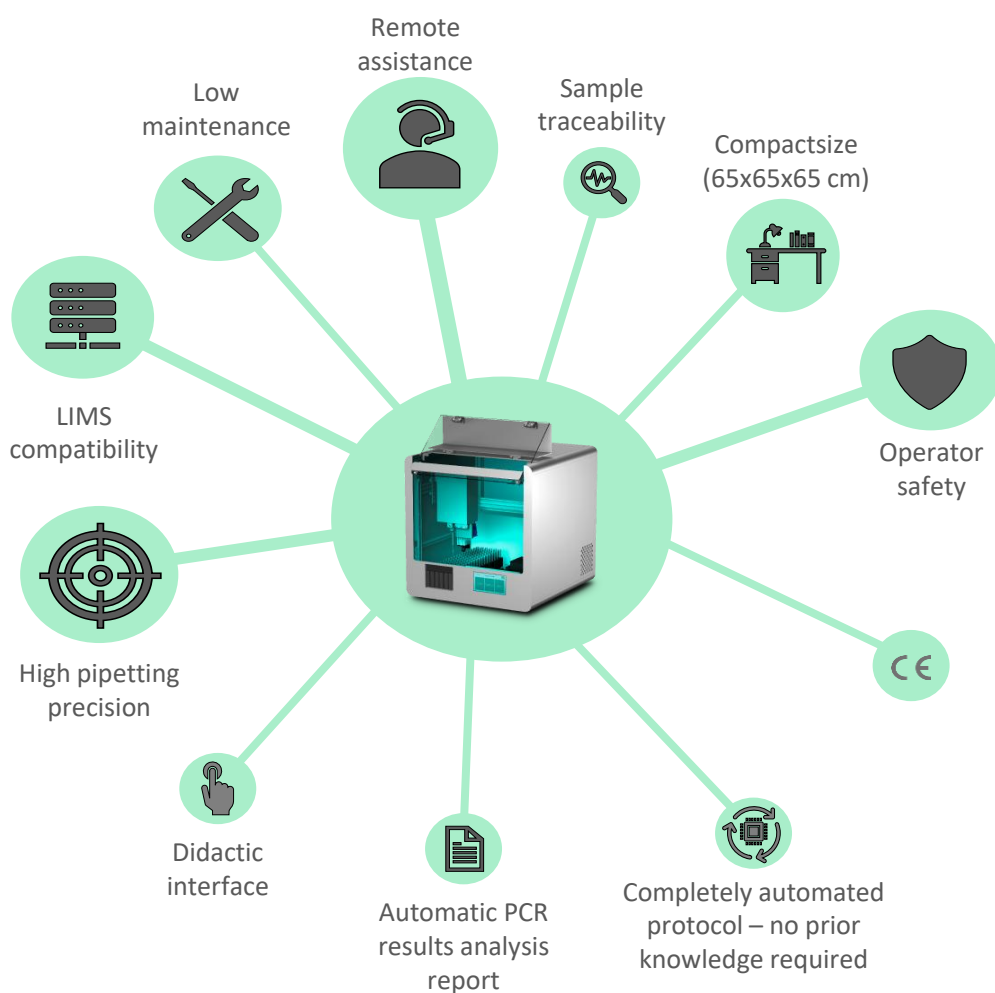
4h30

8 samples
2 targets

3h

2 samples
8 targets

2h30



Our partners



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