HORIBA

VETERINARY

POCKIT Central Automated PCR System

Fast In-House Molecular Testing

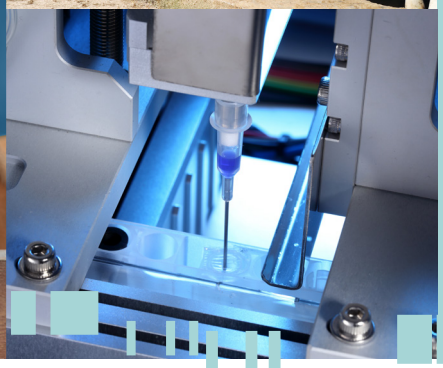
Sample In – Result out!

POCKIT Central
In-house PCR
Improving Veterinary Care

Specifications

Dimensions:	31cm × 48cm x 40cm
Net Weight:	21kg
Test Principle:	iiPCR
Storage Condition:	10-40°C 55 ± 25% RH
Operating Temperature:	15-35°C
Display:	Touchscreen GUI
Interface / Connectivity:	USB Port x3
Number of Samples:	1-8 reactions per run, per instrument
Sample Input Volume:	200µl per reaction
Sample Type:	Various
Sample Identification:	Bar code reader supplied (2D)
Run Time:	85 minutes
Results Storage:	10.000 onboard
QC:	+ve controls available for all tests
Sterilisation:	Integrated, automatic UV cycle
Power Supply:	100 120/200 240 V AC, 50/60 Hz, 2A

HORIBA
Explore the future



The POCKIT Central is a compact, fully integrated bench-top iiPCR instrument with a small footprint - suitable for fast in-house testing on any species or environment, improving diagnosis times and case management.

Set up and run your analysis in minutes.

POCKIT Central

POCKIT Central accommodates up to 8 samples of any combination, using a fully automatic walk-away system with proven **iiPCR** technology.

Run single tests or focussed panels including viruses, bacteria, parasites and protozoa.

The in-built touch screen and 2D scanner enable user-friendly input and operation, with direct display of test results and storage of 10,000 records.

All sample handling is fully automated, combining nucleic acid extraction, amplification and detection.

No additional equipment or specialist staff required!

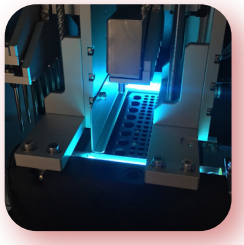
Following each test run, the **POCKIT Central** initiates a self-cleaning cycle, using ultraviolet light to ensure it is ready to process the next batch of samples in quick succession.

The **POCKIT Central** in-house PCR analyser...

Sample in - Result Out

...within 85 minutes!

- Preloaded ready-to-use cartridges



- Built-in UV lamp for decontamination

- Barcode scanning available

- Result printing available

Aquaculture

Shrimp

- AHPND / EMS Plasmid
- AHPND / EMS Toxin 1
- *Baculovirus penaei*
- CMNV
- EHP
- IHHNV
- IMNV
- MBV
- *Mr*NV
- NHPB
- *Pv*NV
- SHIV
- TSV
- *Vibrio fluvialis*
- *Vibrio harveyi*
- WSSV
- YHV

Fish

- *Aeromonas salmonicida*
- Carp Edema Virus (CEV)
- *Flavobacterium psychrophilum*
- IRIDO-Megalocytivirus
- IRIDO-Ranaviruses
- ISAV
- KHV
- *Streptococcus agalactiae*
- *Streptococcus iniae*
- SVCV
- Tilapia Lake Virus (TiLV)
- VHSV
- *Vibrio alginolyticus*
- VNN

Companion Animals

Canine

- *Anaplasma platys*
- *Babesia gibsoni*
- *Bordetella bronchiseptica*
- *Brucella* spp.
- Canine Adeno Virus 2
- Canine Babesia
- Canine Influenza Virus
- Canine Leishmaniasis
- CDV
- CHV
- CPiV
- CRCoV
- *D. immitis*
- *E. granulosus / E.multilocularis*
- *Echinococcus canadensis*
- *Ehrlichia canis*
- Influenza H3N8
- Leptospirosis
- Lyme Disease
- Mec A gene for MRSA
- *Neospora caninum*
- Parvovirus
- Parvovirus (wild type)
- *Salmonella* spp.
- SFTSV (severe fever thrombocytopenia syndrome virus)

Under Development

- Canine enteric coronavirus

Feline

- *Bartonella henselae*
- *Bordetella bronchiseptica*
- *Candidatus Mycoplasma haemominutum*
- *Candidatus Mycoplasma turicensis*
- *Chlamydophila felis*
- *Cytauxzoon felis*
- *D. immitis*
- FCoV
- FCV
- Feline Parvovirus
- FeLV
- FHV
- FIV
- Leptospirosis
- Lyme Disease
- Mec A gene for MRSA
- *Mycoplasma felis*
- *Mycoplasma haemofelis*
- Parvovirus (wild type)
- *Salmonella* spp.
- SFTSV (severe fever thrombocytopenia syndrome virus)
- *Toxoplasma gondii*
- *Tritrichmonas foetus*

Rabbit

- *Bordatella bronchiseptica*
- *E cuniculi*
- *Rotavirus A*
- *Salmonella* spp.

Equine

- *Anaplasma phagocytophilum*
- *Babesia caballi*
- EAV
- EHV-1
- EHV-3
- EHV-4
- EIAV
- Influenza H3N8
- *Leptospirosis lipL32*
- *Lawsonia intracellularis*
- Lyme Disease
- *Pseudomonas aeruginosa*
- Rotavirus A
- *Salmonella* spp.
- *Streptococcus equi*
- *Taylorella equigenitalis* (CEM)
- *Theileria equi*

Livestock

Bovine

- Bovine Leukemia Virus
- Bovine Papular Stomatitis Virus
- Bovine Tuberculosis
- *Brucella abortus*
- *Brucella* spp.
- BVDV-1
- BVDV-2
- *Campylobacter fetus*
- Infectious Bovine Rhinotracheitis
- Lumpy Skin Disease Virus
- Q Fever
- Rotavirus
- *Salmonella* spp.
- SFTSV (severe fever thrombocytopenia syndrome virus)
- *Tritrichomonas foetus*

Poultry / Birds

- ALV-J
- Avian Influenza H9
- Avian Metapneumovirus
- Avian Reovirus (Asia & America regions only)
- Chicken Infectious Anemia Virus
- *Chlamydia psittaci*
- Duck Virus / Enteritis Virus
- Fowl Adenovirus (Pan Adv, type 4, type 8b)
- Infectious Bronchitis Virus
- Infectious Bursal Disease Virus
- Infectious Laryngotracheitis
- Influenza A
- Influenza H5 (Asian Lineage)
- Influenza H5 (American Lineage)
- Influenza H7
- Influenza HP-H7 with insertion
- Influenza N9
- Marek's Disease
- Marek's Disease serotype 3 (HVT)
- *Mycoplasma gallisepticum*
- *Mycoplasma synoviae*
- NDV-class 1
- NDV-class 2
- NDV-LaSota
- REV
- *Salmonella* spp.

Under Development

- PBFD
- Avian Eimeria Species
- H7 (HPAI)
- H7 (LPAI)
- HVT MD3

Apiculture

- *Nosema ceranae*

Swine

- *Actinobacillus Pleuropneumonia*
- Africa Swine Fever Virus
- *Brachyspira hyodysenteriae*
- *Chlamydia psittaci*
- CSFV
- FMDV
- *Haemophilus parasuis*
- JEV
- *Lawsonia intracellularis*
- *Mycoplasma hyopneumoniae*
- *Mycoplasma suis*
- PCV2
- PDCoV
- PEDV
- Porcine Parvovirus
- PRRSV-NA
- PRRSV NADC30-like
- PRRSV-CN
- PRRSV-EU
- Pseudorabies Virus *-gB* gene
- Pseudorabies Virus *-gE* gene
- SVA
- Swine Influenza Virus (Type A)
- *Salmonella* spp.
- *Streptococcus suis*

Ruminant

- Bluetongue Virus
- *Brucella abortus*
- *Brucella melitensis*
- *Brucella* spp.
- *Campylobacter fetus*
- Crimean-Congo Hemorrhagic Fever
- FMDV
- Infectious Bovine Rhinotracheitis
- PPRV
- Q Fever
- SFTSV (severe fever thrombocytopenia syndrome virus)

Emerging Threats

- *Bacillus anthracis PL3*
- *Bacillus anthracis pXO1*
- *Bacillus anthracis pXO2*
- *Brucella abortus*
- *Brucella melitensis*
- *Brucella* spp.
- Chagas Disease
- *E cuniculi*
- FV3 Rana Virus
- MERS-CoV
- Mink Enteritis Virus
- *Nosema ceranae*
- *Paenibacillus larvae*
- *R. communis* (Ricin)
- Rift Valley Fever Virus
- *Salmonella* spp.

Human Diseases

- *C. difficile*
- Chagas Disease
- *Chikungunya Virus*
- *Chlamydia psittaci*
- Crimean–Congo hemorrhagic fever
- Dengue Virus
- Filariasis *(Brugia spp.)*
- Filariasis *(Wuchereria bancrofti)*
- JEV
- Leishmaniass
- Leptospirosis
- Lyme Disease
- MERS-CoV
- *Mycoplasma pneumoniae*
- Norovirus GI/GII
- Q Fever
- SARS-CoV-2
- SFTSV (severe fever thrombocytopenia syndrome virus)
- Yellow Fever Virus
- Zaire Ebolavirus
- Zika Virus

Under Development

- Influenza A & B
- RSV

Over 190 Assays available!

with more under development coming soon....

www.horiba.com/medical

HORIBA UK Limited | Kyoto Close, Moulton Park, Northampton, NN3 6FL United Kingdom
Tel 01604 542 650 | **Fax** 01604 542 699 | **E-Mail** enquiries.uk@horiba.com