ZiP-P2 Instrument

Key features:

- Deployable at point-of-care settings

- Decentralised diagnosis

- Integrated sample preparation

- Screen-guided easy-to-use workflow
  with automated results and reporting

Use with ZiP Diagnostics Tests*

Animal Health Solutions

- **Companion animal diseases:** FIV, FeLV, canine distemper,
  parvovirus, equine herpes, equine influenza and strangles

- **Production animal diseases:** Bovine viral diarrhoea, classical
  swine fever, and porcine reproductive and respiratory virus

- **Emergency animal diseases:** Foot-and-mouth, lumpy skin,
  African swine fever, avian influenza and Hendra

Human Health Solutions

- Respiratory viruses
- Blood-borne viruses
- Sexually transmitted diseases
- Mosquito-borne diseases

* TEST MENU IS UNDER DEVELOPMENT

Product Specifications

Intended Use

The ZiP-P2 instrument is a portable electronically powered diagnostic analyser used exclusively with ZiP Diagnostics animal and human health tests. Together with these tests, the instrument provides high-sensitivity molecular results to aid the diagnosis of or to screen for a range of diseases. The instrument is intended for use in dedicated test spaces by healthcare professionals, or in pathology settings by laboratory-trained professionals, or with approved institutions to support validation testing.

Onboard Technology

The ZiP-P2 instrument utilises isothermal nucleic acid amplification technology to detect RNA or DNA in a clinical specimen as a fluorescent signal. The instrument also provides defined areas for sample preparation with integrated heating and mixing options.

Physical Specifications

Dimensions: Width 185 mm (7.28"), Depth 205 mm (8.07"), Height 122 mm (4.80").
Weight: 2.3 kg (5.1 lb).
Power: 12V DV, 3.0 Amps from an external supplied plug pack. Power supply adaptor is configured for different regions.

Operating Environment

Indoor use only. 10ºC to 30ºC, 20% to 80% RH (non-condensing), 0 to 2000 m altitude.
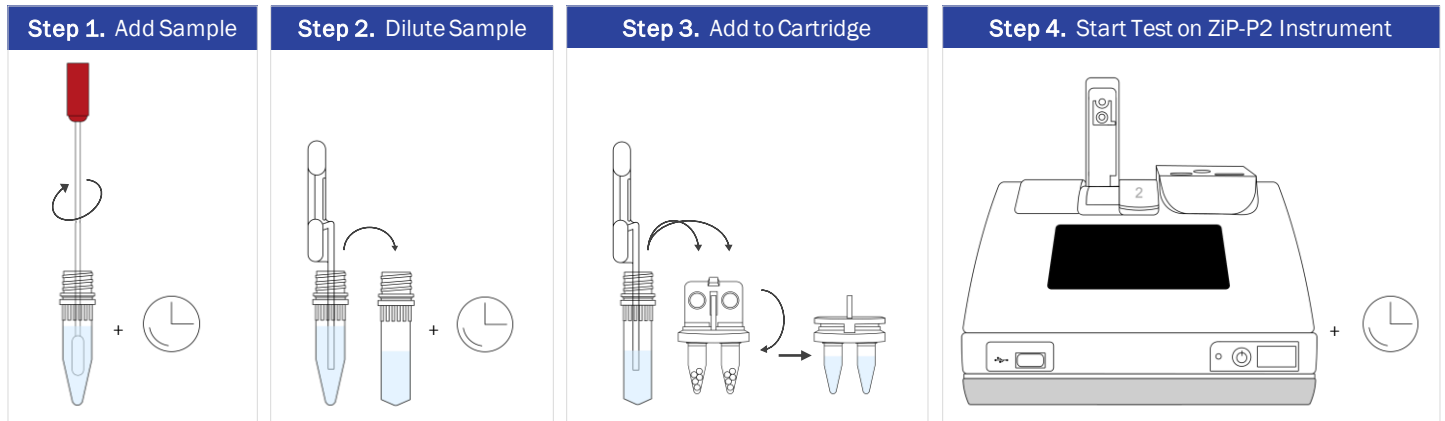
Interface and Connectivity

Colour LCD display, capacitive touch screen, 4.3". Colour icon driven menus and user prompts.
Instrument ports; USB port (1) for data export, software update and test types import; Serial port (2) for label printer and barcode reader; Ethernet RJ45 port (1) for HL7/LIS network connectivity.

Test Workflow

Simple 4 step process, guided by on-screen instructions. Minimal training required.
Runs up to two cartridges at one time, random access.

Step 1. Add Sample	Step 2. Dilute Sample	Step 3. Add to Cartridge	Step 4. Start Test on ZiP-P2 Instrument

Test Results

Results are interpreted automatically by the ZiP-P2 instrument and shown on-screen.
This instrument reports qualitative results only: POSITIVE, NEGATIVE or INVALID.