

# Fully Automatic Compact Nucleic Acid PCR Amplification Device

# GenPad



In Vitro Diagnostics System

- ✓ Anywhere! Easy! Speedy!
- ✓ Viruses are inactivated immediately! Significantly reduces the risk to those involved in testing!
- ✓ Compact! But trustworthy reliability! Uses the PCR(SmartAmp™) Technology!



## GenPad Analyzer Nucleic Acid Extraction & PCR Amplification (System: SmartAmp™)

This product is an analyzer that fully automatically detects target viruses from nucleic acid extraction by simply loading an isothermal PCR amplification system; SmartAmp™ reagent cartridge. The tube that comes with the dedicated reagent cartridge contains a sample inactivator, and all you have to do is to insert a swab into the tube. After inserting the sample in the cartridge, the test results are available within 50 minutes (amplification time is 40 minutes). You can connect 96 units in increments of 8 units.



Product name: GenPad Analyzer Nucleic Acid Extraction & PCR Amplification (System: SmartAmp™)  
 Contents: GenPad analyzer main unit, Power supply, Extra accessories  
 Main unit size: WDH 130mm×50mm×110mm  
 Equipment weight: 0.465±0.05 kg

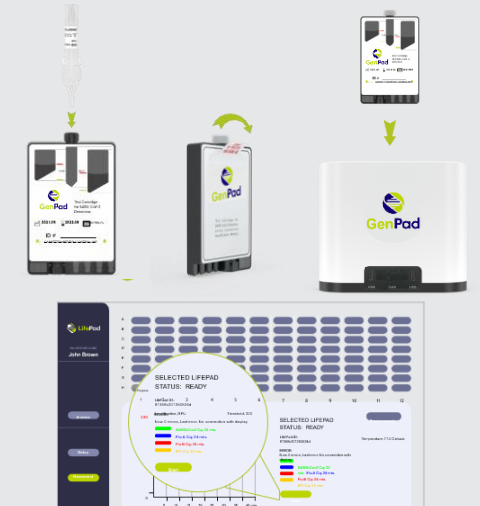
### Compact & lightweight

Testing can be performed in a small space.  
Easy to carry around.



### Easy operation

Transfer samples to the cartridge, fully automated from nucleic acid extraction to detection.



## GenPad Isothermal Nucleic acid PCR Amplification (System: SmartAmp™) Dedicated Test Kit

This product is a reagent cartridge exclusively for GenPad that contains a reagent for extracting nucleic acid from a sample and a reagent for detecting, the presence of targeted virus. Isothermal nucleic acid amplification reagents using DNAFORM's SmartAmp™ method are employed. After placing a sample in a tube containing SSB (virus lysate), the sample solution is injected into the cartridge and set in the device, and nucleic acid is automatically extracted by the glass filter method. Virus detection is completed within 40 minutes by isothermal PCR amplification (system: SmartAmp™).



Product Name: GenPad Isothermal Nucleic acid PCR Amplification (System: SmartAmp™) Dedicated Test Kit (24 sets)  
 Contents: Cartridge, tube containing SSB (virus lysate), nozzle, swab  
 Cartridge body size: WDH 60mm×13mm×100mm  
 Cartridge weight: 0.04±0.005 kg



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Feel free to contact a dealer for more information.