

MiniPets for use in COVID-19 diagnostic test kits



MiniPet

Semi-disposable Micropipette

As the COVID-19 pandemic continues to spread globally, early and fast testing of SARS-CoV-2 remains crucial to fight the pandemic.

The early diagnosis can not only help to treat the patient faster but also prevent the further spread of the virus. Hence health organizations around the world do everything to scale up reliable screening to test as many patients as possible.



PORTABLE TEST-KITS

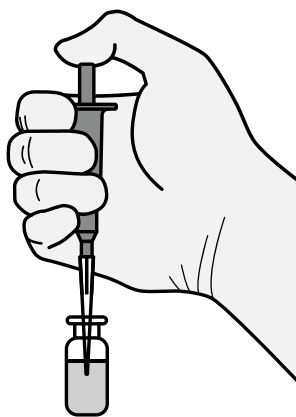
Testing for the virus can not only be conducted in laboratory environments but also at Point-of-Care facilities like doctor's offices and hospitals as well as in work places or at drive-in testing sites to provide wide scale testing coverage. For these testing locations small, light-weight testing equipment is needed. Therefore more and more healthcare companies are providing portable test kits that can be utilized at any location to detect COVID-19.

The typical portable test-kit workflow follows the below steps:

1. Patient sample obtained
2. The sample is added to a detection device using a micropipette
3. Reagent or a buffer may be added with a micropipette
4. Device provides the result

TRICONTINENT MINIPET®

The Tricontinent MiniPet®, semi-disposable micropipette, is an ideal solution for the liquid handling tasks in this workflow and is an excellent and affordable choice for test kits:



- The MiniPet® provides high value whether using for a single pipetting or by replacing the disposable tips and using for multiple pipettings which reduces per test cost
- Best low-cost solution compared with bulb pipettes or handheld pipettors
- Using generic standard or filtered disposable tips prevents contamination
- No field calibration required
- No bubbles, splashing or carryover
- No cleaning required
- Available in volumes from 5 µL to 200 µL (larger volumes available in the StatPet line)
- Up to +/-3% accuracy, 2% precision (depending on the volume size)
- In an environment where the pipette can become easily contaminated, the MiniPet can be disposed of and replaced at low cost

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
TCS 0987	MiniPet 5 µL, Red	TCS 0874	MiniPet 35 µL, Light Blue	TCS 0918	MiniPet 200 µL, Teal
TCS 0871	MiniPet 10 µL, White	TCS 0875	MiniPet 40 µL, Light Green	TCS 0342	0-200 µL, Generic Eppendorf®, 1000 / Bag
TCS 0872	MiniPet 20 µL, Pink	TCS 0876	MiniPet 50 µL, Yellow	TCS 0824	DeTipper Bottle
TCS 0873	MiniPet 25 µL, Orange	TCS 0926	MiniPet 75 µL, Green		
TCS 0916	MiniPet 30 µL, Plum	TCS 0877	MiniPet 100 µL, Blue		

Custom dispense volumes up to 200 QL available as OEM

For technical information please ask for Datasheet Nr. MKT90006 or visit www.tricontinent.com

GENERAL CONTACT

EMEA

Gardner Denver Thomas GmbH

Livry-Gargan-Str. 10
82256 Fuerstenfeldbruck
Germany

Tel: +49 8141 2280 0
Fax: +49 8141 8892136
thomas.de@gardnerdenver.com

AMERICAS

Tricontinent Scientific Inc.

12740 Earhart Avenue
Auburn, CA 95602
USA

Tel: +1 530 273 8888
Fax: +1 530 273 2586
liquidhandling.tcs@gardnerdenver.com

ASIA PACIFIC

Gardner Denver Thomas Pneumatic Systems (Wuxi) Co., Ltd.

No. 1 New Dong An Road
Shuofang Town
Wuxi, Xinwu District
Jiangsu 214142
China

Tel: +86 510 6878 2258
Fax: +86 510 6878 2200
tricontinent.cn@gardnerdenver.com

Please check out all our brands for your mission-critical flow control technologies:



OEM Pumps
www.gd-thomas.com



Vacuum Pumps & Systems
www.welchvacuum.com



Syringe Pumps
www.tricontinent.com



Lab Automation
www.zinsser-analytic.com



Syringes
www.microsyringes.com