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QUALITY CONTROL INSTRUMENTS



fchem@sarex.com
www.sarex.com

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01 High Performance Liquid Chromatograph (HPLC-003)

- ▣ Make - Shimadzu
- ▣ Model - LC 2010 AHT
- ▣ Quaternary gradient System
- ▣ UV-VIS Detector
- ▣ Light source - Deuterium lamp
- ▣ Column oven
- ▣ Temperature range - Ambient to 60 deg.
- ▣ Software - LC Solution



02 High Performance Liquid Chromatograph (HPLC-004)

- ▣ Make - Shimadzu
- ▣ Model - LC 2010 AHT
- ▣ Quaternary gradient System
- ▣ UV-VIS Detector
- ▣ Light source - Deuterium lamp
- ▣ Column oven
- ▣ Temperature range - Ambient to 60 deg.
- ▣ Software - LC Solution



03 High Performance Liquid Chromatograph (HPLC-005)

- ▣ Make - Shimadzu prominence I
- ▣ Model - LC 2030c plus
- ▣ Quaternary gradient System
- ▣ UV-VIS Detector
- ▣ Light source - Deuterium lamp
- ▣ Column oven
- ▣ Temperature range - Ambient to 90 deg.
- ▣ Software - Lab Solution



04 Gas Chromatograph (GC-004)

- ▣ Make - Shimadzu
- ▣ Model - GC-2014
- ▣ AOC20i Auto sampler
- ▣ Carrier Gas - Nitrogen
- ▣ AFC control
- ▣ Capillary column system
- ▣ Detector - FID
- ▣ Software - GC solution



05 Gas Chromatograph (GC-005)

- ❑ Make - Shimadzu
- ❑ Model - GC-2014
- ❑ AOC20i Auto sampler
- ❑ Carrier gas - Nitrogen
- ❑ AFC control
- ❑ Capillary column system
- ❑ Detector - FID
- ❑ Software - GC solution



06 Gas Chromatograph (GC-006)

- ❑ Make - Shimadzu
- ❑ Model - GC-2010 plus
- ❑ AOC20i Auto sampler
- ❑ Carrier gas - Nitrogen
- ❑ AFC control
- ❑ Capillary column system
- ❑ Detector - FID
- ❑ Software - Lab solution



07 Gas Chromatograph (GC-007)

- ❑ Make - Shimadzu
- ❑ Model - GC-2010 plus
- ❑ AOC20i Auto sampler
- ❑ Carrier gas - Nitrogen
- ❑ AFC control
- ❑ Capillary column system
- ❑ Detector - FID
- ❑ Software - Lab solution



08 Head Space Autosampler (HS-001)

- ❑ Make - Teledyne Tekmar
- ❑ Model - HT3
- ❑ High temperature capability
- ❑ Automated leak check
- ❑ 21 CFR compliance
- ❑ Built in mass flow controller



09 UV-VIS Spectrophotometer (UV-002)

- ▣ Make - Shimadzu
- ▣ Model - UV-1900
- ▣ Double beam
- ▣ High resolution
- ▣ Low stray light
- ▣ High reproducibility
- ▣ Ultra fast scan function



10 Karl Fischer Instrument (KF-003)

- ▣ Make - Metrohm
- ▣ Model - 877 Titrino plus
- ▣ Contact free reagent exchange unit.
- ▣ High reproducibility
- ▣ 21 CFR compliance



11 Melting Point Apparatus (MP-002)

- ▣ Make - Veego
- ▣ Model - VMP CM
- ▣ Temperature range - upto 300 deg.
- ▣ Temperature resolution - 0.1 deg
- ▣ Graphic LCD display
- ▣ Equipped with colour camera and colour monitor



12 pH meter (PH-002)

- ▣ Make - Spectralab
- ▣ Model - pH CON 1
- ▣ 3 Point calibration
- ▣ Resolution - 0.001



13 BYK Colorimeter (CM-001)

- ❑ Make - BYK
- ❑ Model - LCM IV
- ❑ Gardner colour measurement
- ❑ APHA colour measurement
- ❑ Iodine colour measurement



14 pH / ISE meter (FM-001)

- ❑ Make - Thermo Scientific
- ❑ Model - Orion Star A214
- ❑ Calibration point (ISE) - 1 to 5
- ❑ Calibration point (pH) - 1 to 5



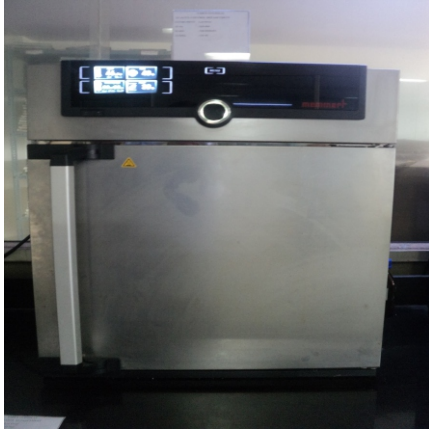
15 Moisture Balance (MB-003)

- ❑ Make - Shimadzu
- ❑ Model - MOC 63u
- ❑ Capacity - Max 60 g
- ❑ Readability - 0.001 g
- ❑ Temperature range - 50 to 200 deg
- ❑ Pan size - 90 mm
- ❑ Repeatability - 0.02% (10g)



16 Autotitrator (AUT-002)

- ❑ Make - Metrohm
- ❑ Model - 848 Titrino plus
- ❑ Contact free reagent exchange unit
- ❑ High reproducibility
- ❑ 21 CFR compliance
- ❑ Neutralization titration
- ❑ Precipitation titration
- ❑ Non - aqueous titration



17 Laboratory Oven (LO-002)

- ❑ Make - Memmert
- ❑ Model - UF-30
- ❑ Temperature range - 40 to 300 deg.
- ❑ Accuracy - Up to 99.9, 0.1 deg
from 100, 0.5 deg
- ❑ Timer - 1 min to 99 days



18 Laboratory Oven (LO-003)

- ❑ Make - Memmert
- ❑ Model - UF-30
- ❑ Temperature range - 40 to 300 deg.
- ❑ Accuracy - Up to 99.9, 0.1 deg
from 100, 0.5 deg
- ❑ Timer - 1 min to 99 days



19 Vacuum Oven (LVO-003)

- ❑ Make - Memmert
- ❑ Model - V 0200
- ❑ Temperature range - 50 to 200 deg.
- ❑ Setting accuracy - 0.5 deg / 1 mbar



20 Analytical Balance (BAL-004)

- ❑ Make - Mettler Toledo
- ❑ Model - MS105DU
- ❑ Readability - 0.00001 g
- ❑ Pan size - 90 mm
- ❑ Dual range weighing facility

C E R T I F I C A T I O N S



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18001:2007**



**ISO
14001:2015**



**ISO
9001:2015**



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**TWO STAR
EXPORT HOUSE**



501 - 502, Waterford Building,
'C' Wing, C. D. Barfiwala Marg,
Juhu Lane, Andheri (W),
Mumbai - 400 058, India.



+91 22 6128 5566
+91 22 4218 4218



www.sarex.com



fchem@sarex.com