

GI

3500

Random Access Chemistry Analyser

- 360 Tests/hr + 190 ISE /hr
- Low Reagent Consumption
- Clot Detector

biotecnica instruments s.p.a.







BT 3500

TECHNICAL SPECIFICATIONS

ISE Module on board Yes: Na, K, Cl, CO ₂ (indirect potentiometry) Number of reagents 80 Total 40 using 50 or 80 ml vessels 40 using 10, or 20 ml vessels 40 using 10, or 20 ml vessels 72 wes	Analysis Type	Clinical Chemistry, Turbidimetric, ISE
Number of reagents 80 Total 40 using 50 or 80 ml vessels 40 using 50 or 80 ml vessels Refrigerated Reagent Bay Yes Reaction volume from 180 to 400 µl Sample Volume from 18 to 100µl Reading Cuvettes 45 non-disposable optical glass Sampling Arms 2 for Serum and Reagents # of Positions 78 Total 62 Samples – 16 Standards and Controls Test Modes Random Access, Batch, STAT Test Directory Up to 500 Cuvette Temp. Control Peltier System OFF/30/32/37°C (± 0.2° C) Vacuum Pump System External Photometer Solid State 10 Channel + reference channel Photometer Sensitivity ± 0.001 Abs. Diluter 2 – Long Life Ceramic 340 µl Diluter Accuracy ± 0.1% f.s. Diluter Resolution ± 0.1 µl Bar Code 2 – Reagent and Serum IBM Computer Intel Pentium Mobile ® , 1.6 GHz or more Peripheral Devices CD-DVD ROM Writer, HD>80 Gb Monior Color LCD 12" Touch-screen Yes: Glass Protected<	Throughput	up to 360 Chem. Tests/hr + up to 190 ISE Tests/hr
40 using 50 or 80 ml vessels 40 using 10, or 20 ml vessels Refrigerated Reagent Bay Reaction volume from 180 to 400 µl Sample Volume from 18 to 100µl Reaction volume Sample Volume from 18 to 100µl Reaction volume Sample Volume from 18 to 100µl Reading Cuvettes Sample Volume from 18 to 100µl Reading Cuvettes Sample Volume for Serum and Reagents # of Positions 78 Total 62 Samples – 16 Standards and Controls Test Modes Random Access, Batch, STAT Test Directory Up to 500 Cuvette Temp, Control Petier System OFF/30/32/37°C (± 0.2° C) Vacuum Pump System External Photometer Solid State 10 Channel + reference channel Photometer Accuracy ± 1% (0-2 O.D.), ± 2.5% (2-3 O.D.) Photometer Accuracy ± 0.1% f.s. Diluter Resolution ± 0.1 µl Bar Code 2 - Reagent and Serum IBM Computer Intel Pentium Mob	ISE Module on board	Yes: Na, K, Cl, CO ₂ (indirect potentiometry)
40 using 10, or 20 ml vessels Refrigerated Reagent Bay Yes Reaction volume from 180 to 400 µl Sample Volume from 18 to 100µl Reading Cuvettes 45 non-disposable optical glass Sampling Arms 2 for Serum and Reagents # of Positions 78 Total 62 Samples – 16 Standards and Controls Test Modes Random Access, Batch, STAT Test Directory Up to 500 Cuvette Temp. Control Peltier System OFF/30/32/37*C (± 0.2* C) Vacum Pump System External Photometer Solid State 10 Channel + reference channel Photometer Accuracy ± 1% (0-2 O.D), ± 2,5% (2-3 O.D) Photometer Accuracy ± 0.014 Abs. Diluter 2 - Long Life Ceramic 340 µl Diluter Resolution ± 0.1 µl Bar Code 2 - Reagent and Serum IBM Computer Intel Pentium Mobile @, 1.6 GHz or more Peripheral Devices CD-DVD ROM Writer, HD-80 Gb Monitor Colar Touch-screen Yes: Glass Protected Keyboard Wireless Process Electronics 12 microcontrollers, I ² GBUS protecol Software Windows 2000 @ Pro Interface RS232 Bidirectional + USB HUB + LAN + VGA Built in CC Progra	Number of reagents	80 Total
Refrigerated Reagent BayYesReaction volumefrom 18 to 100 µlSample Volumefrom 1.8 to 100 µlReading Cuvettes45 non-disposable optical glassSampling Arms2 for Serum and Reagents# of Positions78 TotalBd2 Samples – 16 Standards and ControlsTest ModesRandom Access, Batch, STATTest DirectoryUp to 500Cuvette Temp. ControlPetitier System OFF/30/32/37°C (± 0.2° C)Vacute Temp. Control# 1% (0~2 C) D), ± 2,5% (2~3 D.D)Photometer Sensitivity± 0.01 Abs.Diluter Accuracy± 0.1% f.s.Diluter Accuracy± 0.1% f.s.Diluter Accuracy		40 using 50 or 80 ml vessels
Reaction volume from 180 to 400 µl Sample Volume from 1.8 to 100µl Reading Cuvettes 45 non-disposable optical glass Sampling Arms 2 for Serum and Reagents # of Positions 78 Total 62 Samples – 16 Standards and Controls 162 Samples – 16 Standards and Controls Test Modes Random Access, Batch, STAT Up to 500 Up to 500 Cuvette Temp. Control Petiter System OFF/30/32/37°C (± 0.2° C) Vacuum Pump System External Photometer Solid State 10 Channel + reference channel Photometer Accuracy ± 1% (0-2 O. D.), ± 2,5% (2-3 O. D.) Photometer Sensitivity ± 0.01 Abs. Diluter Accuracy ± 0.1% f.s. Diluter Resolution ± 0.1 µl Bar Code 2 - Reagent and Serum IBM Computer Intel Pentium Mobile Ø. 1.6 GHz or more Peripheral Devices Color LCD 12° Touch-screen Yes: Glass Protected Keyboard Wireless IBM Compatible Mouse Wireless Process Electronics 12 microcontrollers. ¹² CBUS protocol Software Winiclows 2000 @ Pro		40 using 10, or 20 ml vessels
Sample Volumefrom 1.8 to 100µlReading Cuvettes45 non-disposable optical glassSampling Arms2 for Serum and Reagents# of Positions78 Total62 Samples – 16 Standards and ControlsTest ModesRandom Access, Batch, STATTest DirectoryUp to 500Cuvette Temp. ControlPeltier System OFF/30/32/37*C (± 0.2* C)Vacuum Pump SystemExternalPhotometer Accuracy± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.)Photometer Accuracy± 0.01 Abs.Diluter2 - Long Life Ceramic 340 µlDiluter Resolution± 0.1% f.s.Diluter Resolution± 0.1% f.s.Diluter Resolution± 0.1% f.s.Diluter Resolution± 0.1% f.s.Propheres IBM ComputerIntel Pentium Mobile ®, 1.6 GHz or morePeripheral DevicesCD-VDV ROM Writer, HD>80 GbMonitorColor LCD 12*Touch-screenYes: Glass ProtectedKeyboardWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 @ ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27*, Width – 40*, Depth – 23*	Refrigerated Reagent Bay	Yes
Reading Cuvettes45 non-disposable optical glassSampling Arms2 for Serum and Reagents# of Positions78 Total62 Samples – 16 Standards and Controls62 Samples – 16 Standards and ControlsTest ModesRandom Access, Batch, STATTest DirectoryUp to 500Cuvette Temp. ControlPeltier System OFF/30/32/37°C (± 0.2° C)Vacuum Pump SystemExternalPhotometerSolid State 10 Channel + reference channelPhotometer Accuracy± 1% (0.2 O. D.), ± 2,5% (2-3 O.D.)Photometer Sensitivity± 0.001 Abs.Diluter2 – Long Life Ceramic 340 µlDiluter Resolution± 0.1 µlBar Code2 – Reagent and SerumIBM ComputerIntel Pentium Mobile @, 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWirelessMouseWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 @ ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Reaction volume	from 180 to 400 µl
Sampling Arms 2 for Serum and Reagents # of Positions 78 Total # of Positions 78 Total Evest Modes Random Access, Batch, STAT Test Directory Up to 500 Cuvette Temp. Control Pettier System OFF/30/32/37°C (± 0.2° C) Vacuum Pump System External Photometer Solid State 10 Channel + reference channel Photometer Accuracy ± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.) Photometer Sensitivity ± 0.001 Abs. Diluter Accuracy ± 0.1% f.s. Diluter Accuracy ± 0.1% f.s. Diluter Accuracy ± 0.1% f.s. Diluter Resolution ± 0.1 µl Bar Code 2 - Reagent and Serum IBM Computer Intel Pentium Mobile © , 1.6 GHz or more Peripheral Devices Color LCD 12" Touch-screen Yes: Glass Protected Keyboard Wireless Process Electronics 12 microcontrollers. I ² CBUS protocol Software Windows 2000 @ Pro Interface RS232 Bidirectional + USB HUB + LAN + VGA Built In CC Program Yes'A Le	Sample Volume	from 1.8 to 100µl
# of Positions 78 Total 62 Samples – 16 Standards and Controls Test Modes Random Access, Batch, STAT Test Directory Up to 500 Cuvette Temp. Control Peltier System OFF/30/32/37°C (± 0.2° C) Vacuum Pump System External Photometer Solid State 10 Channel + reference channel Photometer Accuracy ± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.) Photometer Sensitivity ± 0.001 Abs. Diluter 2 - Long Life Ceramic 340 µl Diluter Accuracy ± 0.1% f.s. Diluter Resolution ± 0.1 µl Bar Code 2 - Reagent and Serum IBM Computer Intel Pentium Mobile ® , 1.6 GHz or more Peripheral Devices CD-DVD ROM Writer, HD>80 Gb Monitor Color LCD 12" Touch-screen Yes: Glass Protected Keyboard Wireless IBM Compatible Mouse Wireless Process Electronics 12 microcontrollers.1 ² CBUS protocol Software Windows 2000 ® Pro Interface RS232 Bidirectional + USB HUB + LAN + VGA Built in QC Program Yes/3 Levels Known, 3 Levels Unknown Remote Diagnost	Reading Cuvettes	45 non-disposable optical glass
fest Modesfest Samples – 16 Standards and ControlsTest ModesRandom Access, Batch, STATTest DirectoryUp to 500Cuvette Temp. ControlPettier System OFF/30/32/37°C (± 0.2° C)Vacuum Pump SystemExternalPhotometerSolid State 10 Channel + reference channelPhotometer Accuracy± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.)Photometer Sensitivity± 0.001 Abs.Diluter2 – Long Life Ceramic 340 µlDiluter Resolution± 0.1 µlBar Code2 – Reagent and SerumIBM ComputerIntel Pentium Mobile ®, 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 ® ProInterfaceR2323 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes'3 Levels Known, 3 Levels UnknownBuilt in QC ProgramAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Sampling Arms	2 for Serum and Reagents
Test Modes Random Access, Batch, STAT Test Directory Up to 500 Cuvette Temp. Control Peltier System OFF/30/32/37°C (± 0.2° C) Vacuum Pump System External Photometer Solid State 10 Channel + reference channel Photometer Accuracy ± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.) Photometer Sensitivity ± 0.001 Abs. Diluter 2 – Long Life Ceramic 340 µl Diluter Accuracy ± 0.1 ½ Diluter Accuracy ± 0.1 µl Bar Code 2 – Reagent and Serum IBM Computer Intel Pentium Mobile ®, 1.6 GHz or more Peripheral Devices CD-DVD ROM Writer, HD>80 Gb Monitor Color LCD 12" Touch-screen Yes: Glass Protected Keyboard Wireless Mouse Windows 2000 @ Pro Interface RS232 Bidirectional + USB HUB + LAN + VGA Built in QC Program Yes/3 Levels Known, 3 Levels Unknown Remote Diagnostics (Modem) Optional Maintenance Automatic Program Power Supply Universal input 100/240 Volt, 50-60 Hz, 590 Watt, PFC	# of Positions	78 Total
Test DirectoryUp to 500Cuvette Temp. ControlPeltier System OFF/30/32/37°C (± 0.2° C)Vacuum Pump SystemExternalPhotometerSolid State 10 Channel + reference channelPhotometer Accuracy± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.)Photometer Sensitivity± 0.001 Abs.Diluter2 - Long Life Ceramic 340 µlDiluter Accuracy± 0.1% f.s.Diluter Resolution± 0.1 µlBar Code2 - Reagent and SerumIBM ComputerIntel Pentium Mobile ® , 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWirelessMouseWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 @ ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"		62 Samples – 16 Standards and Controls
Cuvette Temp. ControlPeltier System OFF/30/32/37°C (± 0.2° C)Vacuum Pump SystemExternalPhotometerSolid State 10 Channel + reference channelPhotometer Accuracy± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.)Photometer Sensitivity± 0.001 Abs.Diluter2 - Long Life Ceramic 340 µlDiluter Accuracy± 0.1% f.s.Diluter Resolution± 0.1 µlBar Code2 - Reagent and SerumIBM ComputerIntel Pentium Mobile @, 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM ComputibleMouseWireless IBM ComputibleSoftwareWindows 2000 @ ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight - 27", Width - 40", Depth - 23"	Test Modes	Random Access, Batch, STAT
Vacuum Pump SystemExternalPhotometerSolid State 10 Channel + reference channelPhotometer Accuracy± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.)Photometer Sensitivity± 0.001 Abs.Diluter2 - Long Life Ceramic 340 µlDiluter Accuracy± 0.1% f.s.Diluter Resolution± 0.1 µlBar Code2 - Reagent and SerumIBM ComputerIntel Pentium Mobile ® , 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Test Directory	Up to 500
PhotometerSolid State 10 Channel + reference channelPhotometer Accuracy± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.)Photometer Sensitivity± 0.001 Abs.Diluter2 - Long Life Ceramic 340 µlDiluter Accuracy± 0.1% f.s.Diluter Resolution± 0.1 µlBar Code2 - Reagent and SerumIBM ComputerIntel Pentium Mobile ® , 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 @ ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight - 27", Width - 40", Depth - 23"	Cuvette Temp. Control	Peltier System OFF/30/32/37°C (± 0.2° C)
Photometer Accuracy± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.)Photometer Sensitivity± 0.001 Abs.Diluter2 - Long Life Ceramic 340 µlDiluter Accuracy± 0.1% f.s.Diluter Resolution± 0.1 µlBar Code2 - Reagent and SerumIBM ComputerIntel Pentium Mobile ® , 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 @ ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight - 27", Width - 40", Depth - 23"	Vacuum Pump System	External
Photometer Sensitivity± 0.001 Abs.Diluter2 - Long Life Ceramic 340 µlDiluter Accuracy± 0.1% f.s.Diluter Resolution± 0.1 µlBar Code2 - Reagent and SerumIBM ComputerIntel Pentium Mobile ®, 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWirelessProcess Electronics12 microcontrollers. I² CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Photometer	Solid State 10 Channel + reference channel
Diluter2 - Long Life Ceramic 340 µlDiluter Accuracy± 0.1% f.s.Diluter Resolution± 0.1 µlBar Code2 - Reagent and SerumIBM ComputerIntel Pentium Mobile ® , 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I² CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Photometer Accuracy	± 1% (0-2 O.D.), ± 2,5% (2-3 O.D.)
Diluter Accuracy± 0.1% f.s.Diluter Resolution± 0.1 µlBar Code2 - Reagent and SerumIBM ComputerIntel Pentium Mobile ® , 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 @ ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Photometer Sensitivity	± 0.001 Abs.
Diluter Resolution± 0.1 µlBar Code2 - Reagent and SerumIBM ComputerIntel Pentium Mobile ® , 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I² CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Diluter	2 – Long Life Ceramic 340 µl
Bar Code2 - Reagent and SerumIBM ComputerIntel Pentium Mobile (*), 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 (*) ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight - 27", Width - 40", Depth - 23"	Diluter Accuracy	± 0.1% f.s.
IBM ComputerIntel Pentium Mobile ® , 1.6 GHz or morePeripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Diluter Resolution	± 0.1 μl
Peripheral DevicesCD-DVD ROM Writer, HD>80 GbMonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Bar Code	2 – Reagent and Serum
MonitorColor LCD 12"Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I² CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	IBM Computer	Intel Pentium Mobile ® , 1.6 GHz or more
Touch-screenYes: Glass ProtectedKeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I ² CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Peripheral Devices	CD-DVD ROM Writer, HD>80 Gb
KeyboardWireless IBM CompatibleMouseWirelessProcess Electronics12 microcontrollers. I2 CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Monitor	Color LCD 12"
MouseWirelessProcess Electronics12 microcontrollers. I² CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Touch-screen	Yes: Glass Protected
Process Electronics12 microcontrollers. I² CBUS protocolSoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight - 27", Width - 40", Depth - 23"	Keyboard	Wireless IBM Compatible
SoftwareWindows 2000 ® ProInterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Mouse	Wireless
InterfaceRS232 Bidirectional + USB HUB + LAN + VGABuilt in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Process Electronics	12 microcontrollers. I ² CBUS protocol
Built in QC ProgramYes/3 Levels Known, 3 Levels UnknownRemote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Software	Windows 2000 ® Pro
Remote Diagnostics (Modem)OptionalMaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Interface	RS232 Bidirectional + USB HUB + LAN + VGA
MaintenanceAutomatic ProgramPower SupplyUniversal input 100/240 Volt, 50-60 Hz, 590 Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Built in QC Program	Yes/3 Levels Known, 3 Levels Unknown
Power SupplyUniversal input100/240Volt, 50-60Hz, 590Watt, PFCDimensionsHeight – 27", Width – 40", Depth – 23"	Remote Diagnostics (Modem)	Optional
DimensionsHeight – 27", Width – 40", Depth – 23"	Maintenance	Automatic Program
	Power Supply	Universal input 100/240 Volt, 50-60 Hz, 590 Watt, PFC
Weight 210 lb (95 Kg)	Dimensions	Height – 27", Width – 40", Depth – 23"
	Weight	210 lb (95 Kg)

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