

[ATHENESE-DX]

Early diagnosis for better life

www.rajbiosis.com
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**INTEGRITY
COMMITMENT
SERVICE**



ATHENESEDX.COM





ABOUT US

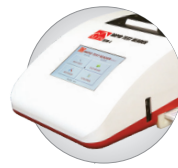
Athenese-Dx specializes in the research, development, manufacture and marketing of in vitro diagnostic tests and Instruments. Our state-of-the-art facility is based in Chennai, India. Continuous innovation drives us forward. Our dedicated scientists are developing high quality IVD tests in Clinical Chemistry, Rapid Test, ELISA, Fluorescence Immunoassay, Molecular Diagnostics, and Instruments. Our R&D Unit is recognized by the Department of Scientific and Industrial Research (DSIR).

ADX has grown from “Importing for India”, “Made in India for India” to “Made in India for world”. Our ultimate goal is to bring innovative diagnostic tests at the highest quality to the world market. We reach our customers by combining the skills of our sales force with a network of distributors and strategic partners. We have proven track records of delivering quality products and empowering clinicians to make healthcare decision faster and more accurate.

Rapid Test Reader (Made in India)

Qualitative interpretation made Easy

Catalog No.: RTR-1



ACCURACY

- Eliminates subjective interpretation by operator
- Less than 3% intra-run CV



FLEXIBILITY

- Single mode for low volume test setting
- Batch mode allows for high volume test setting
- Results presented on screen, via printout, or uploaded to database



EASE OF USE

- Built-in barcode reader provides faster test set up
- Touch screen interface for easy operation
- Lightweight (0.7 kg), portable



DATA MANAGEMENT

- Storage capacity of 1,000 test results (including images)
- Available Wi-Fi and LIS (HL7) Compatible

Specifications

Human Machine Interface	4-inch resistive touch screen
Camera	5 mega pixel CMOS camera
Barcode Scanner	Integrated 1 dimensional barcode scanner
Printer	48 mm inbuilt thermal printer
Mode	Single mode and batch mode operations
Port / USB	Data export and software upgrade through 2 USB ports
LIS	HL7 compatible
Storage	Storage capacity of 1000 test results (including images)
Result output	"Positive or Negative", Quantitative result
Power	12V/2A
Processor	ARM Cortex-A53
Platform	Embedded Linux
Dimension	220 mm X 170 mm X 110 mm (L x B x H)
Weight	0.7 kg (Approx.)

Rapid Tests

TRUSTline® (Made in India)

OnSite® (Imported)



BLOOD BORNE

Code	Product name	Pack Size	Specimen	Shelf life
AR0011C	TRUSTline HIV 1/2 Ab Rapid Test	30 Test	S/P/WB	24 M
AR0018C	TRUSTline HIV-Ab/Ag 4 th Gen Rapid Test	10/100 Test	S/P/WB	24 M
AR0023C	TRUSTline HCV Ab Rapid Test	30 Test	S/P	24 M
AR0024C	TRUSTline HCV Ab Rapid Test (Coming Soon)	30 Test	S/P/WB	24 M
AR0030C	TRUSTline Syphilis Ab Rapid Test	30 Test	S/P	24 M
AR0030S	TRUSTline Syphilis Ab Rapid Test (Strip)	100 Strip	S/P	24 M
AR0040C	TRUSTline HBsAg Rapid Test	30 Test	S/P	24 M



TROPICAL

Code	Product name	Pack Size	Specimen	Shelf life
AR0112C	TRUSTline Malaria Pf/Pv Ag Rapid Test	30 Test	WB	24 M
AR0113C	TRUSTline Malaria Pf/Pan Ag Rapid Test	30 Test	WB	24 M
AR0061C	TRUSTline Dengue IgG/IgM Rapid Test	30 Test	S/P/WB	24 M
R0062C	OnSite Duo Dengue Ag (NS1) - IgG/IgM Rapid Test c	10 Test	S/P/WB	24 M
R0063C	OnSite Dengue Ag (NS1) Rapid Test c	10 Test	S/P/WB	24 M
R0066C	OnSite Chikungunya IgM Combo Rapid Test c	30 Test	S/P/WB	24 M
R0101C	OnSite Leptospira IgG/IgM Combo Rapid Test c	30 Test	S/P/WB	24 M
AR0151C	TRUSTline Filariasis IgG/IgM Rapid Test	10 Test	S/P/WB	24 M
AR5001C	TRUSTline Scrub Typhus IgG/IgM Rapid Test	30 Test	S/P/WB	24 M



HEPATITIS

Code	Product name	Pack Size	Specimen	Shelf life
R0090C	OnSite HAV IgM Rapid Test c	10/30 Test	S/P/WB	24 M
R0092C	OnSite HAV IgG/IgM Rapid Test c	10/30 Test	S/P/WB	24 M
R0095C	OnSite HEV IgM Rapid Test c	10/30 Test	S/P	24 M



GASTROINTESTINAL

Code	Product name	Pack Size	Specimen	Shelf life
R0160C	OnSite Typhoid IgG/IgM Rapid Test c	30 Test	S/P	24 M
R0161C	OnSite Typhoid IgG/IgM Combo Rapid Test c	30 Test	S/P/WB	24 M
R0162C	OnSite S.Typhi/Paratyphi Ag Rapid Test	25 Test	S/P/WB/Fecal/BC	24 M
R0191C	OnSite H. pylori Ab Combo Rapid Test c	30 Test	S/P/WB	24 M
R0192C	OnSite H. pylori Ag Rapid Test c	25 Test	Fecal	24 M



HORMONE / NEONATAL

Code	Product name	Pack Size	Specimen	Shelf life
R0233C	OnSite Toxo IgG/IgM Rapid Test	30 Test	S/P	24 M
R0234C	OnSite Toxo IgG/IgM Combo Rapid Test	30 Test	S/P/WB	24 M
R0253C	OnSite ToRCH Panel Rapid Test	10 Test	S/P/WB	24 M



BIOMARKERS

Code	Product name	Pack Size	Specimen	Shelf life
R0310C	OnSite RF Rapid Test c	30 Test	S/P/WB	24 M
R2011C	OnSite FOB-Hi Rapid Test c	25 Test	Fecal	24 M
R3002C	OnSite Troponin I Combo Rapid Test c	10 Test	S/P/WB	24 M



ELISA Reader Cat. No.: ADX-110

Reliable and user-friendly microplate analyser

- Reliable, accurate, cost-effective
- Flexible programming to meet your needs
- Accommodates different microplate geometries
- Variable speed and duration on plate shaker
- Ability to read plate within 15 seconds
- Digital light control with unique circuit for long lamp life
- Storage of calibration curves
- Storage of plate results
- Single and dual wavelength readings

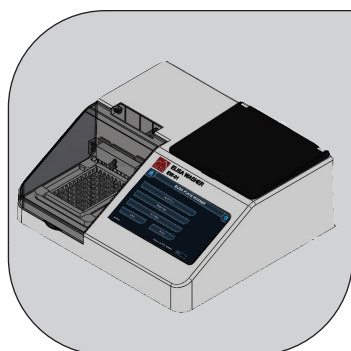
Human Machine Interface
Linear Measurement Range
Photometric Accuracy
Drift
Optical Measurement
Filters
Type of Filter
Wave Length
Half Bandwidth
Selection
Display
Curve Plotting
Plate Carrier Movement
Printer
Memory
Analysis Mode

RS232 Serial Port / USB

TOUCH PANEL / KEYPAD

0.000 to 3.500 Absorbance units (A)
± 2% or 0.007 whichever is higher, from 0 to 1.5 A ± 3% from 1.5 A to 3.5 A
<0.005 A/hr
2 Channel

High quality narrow band Interference
405 nm, 450 nm, 492 nm, 630 nm & two optional
10 nm ± 2nm
Automatic by stepper motor
7 inch color LCD
Graphical representation on printer
Precisely through the stepper motor
Built in thermal printer 52 columns
250 tests and more than 2500 results
Absorbance (normal & differential)
Cut - off Multi - standard
% Absorbance Single standard
Uptake Kinetic
9600 baud, 8 data, 1 stop, no parity bits / USB



ELISA washer Cat. No.: ADX-140

Reducing manual errors through automation

- Ability to wash single strip of 8 wells
- Specially designed manifold assembly to prevent any scratching on bottom of well
- User programmable soak time, wash cycles and dispensing volume
- Waste bottle full warning with audible alarm
- Continuous aspiration to prevent overflow
- Incubator for two ELISA plates at a time
- Removable manifold
- Multi step shaking

Manifold
Dispensing
Aspirating Method
Residual Volume
Waste Bottle
Wash Bottle
Rinse Bottle
Display
Liquid contact materials
Washing Method
Incubator
Timer

8 Way and 12 way manifold autoclavable
Programmable up to 350ul
Continuous through diaphragm pump while dispensing hence preventing overflow
< 2 µL
1 (Capacity 2 L) with audible alarm when bottle is completely filled with waste solution
1 (Capacity 2 L)
1 (Capacity 2 L)
7 inch LCD
Silicon, Stainless Steel, Derline
Plate Wash, Strip Wash, Rinse and Prime
For two ELISA Plates, 37 °C
Individually programmable 2 Nos



BLOOD BORNE

Code	Product name	Pack Size	Specimen	Shelf life
AE0410	TRUSTwell HIV 1+2 Ab ELISA Kit	96 well	S/P	18 M
AE0420	TRUSTwell HIV-Ab/Ag ELISA Kit	96 well	S/P	12 M
AE0510	TRUSTwell HCV IgG ELISA Kit	96 well	S/P	18 M
AE0710	TRUSTwell HBsAg ELISA Kit	96 well	S/P	18 M
AE0610	TRUSTwell Syphilis Ab ELISA Kit	96 well	S/P	12 M
AE0520	TRUSTwell HCV Total Ab ELISA Kit (Coming Soon)	96 well	S/P	18 M



HORMONE/NEONATAL

Code	Product name	Pack Size	Specimen	Shelf life
AE1010	TRUSTwell Total T3 ELISA Kit	96 well	S	18 M
AE1020	TRUSTwell Total T4 ELISA Kit	96 well	S	18 M
AE1030	TRUSTwell TSH ELISA Kit	96 well	S	18 M
AE1016	TRUSTwell Free T3 ELISA Kit	96 well	S	12 M
AE1026	TRUSTwell Free T4 ELISA Kit	96 well	S	12 M
AE1100	TRUSTwell FSH ELISA Kit	96 well	S	18 M
AE1090	TRUSTwell LH ELISA Kit	96 well	S	18 M
AE1240	TRUSTwell AMH ELISA Kit	48 well	S/P	12 M
AE1080	TRUSTwell PRL ELISA Kit	96 well	S	18 M



TROPICAL / PARASITIC

Code	Product name	Pack Size	Specimen	Shelf life
AE0315	TRUSTwell CHIK IgM ELISA Kit	96 well	S/P	12 M
AE0310	TRUSTwell Dengue IgM ELISA Kit	96 well	S/P	12 M
AE0311	TRUSTwell Dengue IgG ELISA Kit	96 well	S/P	12 M
AE0611	TRUSTwell Malaria Ag ELISA Kit	96 well	S/P	18 M
E0312	RecombiLISA Dengue Ag (NS1) ELISA Kit €€	96 well	S/P	12 M
E0330	RecombiLISA Leptospira IgM ELISA Kit €€	96 well	WB	18 M



HEPATITIS

Code	Product name	Pack Size	Specimen	Shelf life
E0100	RecombiLISA HAV IgM ELISA Kit €€	96 well	S/P	12 M
E0105	RecombiLISA HEV IgM ELISA Kit €€	96 well	S/P	12 M



FATIGUE/WELLNESS

Code	Product name	Pack Size	Specimen	Shelf life
AE8010	TRUSTwell Vitamin D (Total) ELISA Kit	96 well	S	18 M
AE8030	TRUSTwell Vitamin B12 ELISA Kit	96 well	S	12 M
AE5010	TRUSTwell Ferritin ELISA Kit	96 well	S	18 M

Semi-auto Chemistry Analyzer



(Made in India)

For those who never compromise on quality

Catalog No.: ADX-CHEM-220



- Windows based, 7.0" inch true colour elegant display with touch screen
- Large memory, over 300 programs and 2,00,000 test results
- Compatible for coagulation tests
- Inbuilt multifunctional incubator
- Long Life Halogen lamp with auto sleep function
- Powerful QC function: Levey Jennings plot with Westgard multirule
- Supports USB, mouse, keyboard and barcode scanner for easy operation
- Onboard thermal printer, supports external USB printers

Specifications

Analysis method	1 point end, 2 point end(Sample blank), Kinetics, Fixed-time. Coagulation
Optics	7 standard filters: 340, 405, 450, 505, 546, 578, 630. 2 more for optional
Lamp house	Long-life tungsten halogen lamp(6V/10W) with auto-sleep function
Calibration type	1 point end, 2 point end, Fixed-Time, Kinetics
Display	7.0" TFT LCD with touch screen, 800*480 pixels
Printer	Build-in thermal printer, 57mm printer paper
Temperature	25, 30, 37 °C and Room temperature. By means of Peltier elements
Flow cell capacity& optical path	32ul, 10mm
Resolution	0.0001 Abs
Photometric range	0.001-4.000 Abs
Incubator	Inbuilt multifunctional incubator
Incubator Temperature	37 °C
Memory	Over 300 programs, 200000 results can be stored
Interface	4 USB Host; 1 USB Slave; 1 Ethernet port USB port(host) for keyboard, mouse, printer, U disk, bar code reader etc.USB port(slave) for PC connection (support PC software control function)
Operational Env't	Temperature: 10°C~30°C; Humidity: 30%-80%
Power requirement	Wide power supply AC100-240V, 50/60Hz
Dimension	400 x 300 x 160mm(L x W x H)
Weight	7.5Kg



Code	Pack Size	Method
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DIABETIC PROFILE

ADX101	Glucose Test Kit	4 x 125 ml	GOD-POD
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LIPID PROFILE

ADX111	Cholesterol Test Kit	2 x 50 ml	CHOD-POD
ADX112	Cholesterol Test Kit	2 x 100 ml	CHOD-POD
ADX151	Triglycerides Test Kit	2 x 50 ml	GPO-POD
ADX321	Direct HDL Cholesterol Test Kit	1 x 40 ml	POLYMER-DETERGENT
ADX331	Direct LDL Cholesterol Test Kit	1 x 40 ml	POLYMER-DETERGENT

CARDIAC PROFILE

ADX342	CK NAC Test Kit	2 x 25 ml	IFCC
ADX351	CK MB Test Kit	2 x 25 ml	IFCC

PANCREATIC PROFILE

ADX261	Alpha Amylase Test Kit	2 x 10 ml	CNPG3
ADX381	Lipase Test Kit	2 x 15 ml	METHYL RESORUFIN

RENAL PROFILE

ADX121	Creatinine Test Kit (SR)	2 x 50 ml	MODIFIED JAFFE
ADX131	Creatinine Test Kit (Kinetic)	4 x 50 ml	MODIFIED JAFFE
ADX231	Urea Kinetic (UV) Test Kit	2 x 50 ml	UREASE – GLDH
ADX242	Urea Endpoint (Berthelot) Test Kit	2 x 100 ml	BERTHELOT
ADX252	Uric Acid Test Kit	2 x 50 ml	URICASE - POD
ADX442	CSF/Urinary/Micro Proteins Test Kit	2 x 50 ml	PYROGALLOL RED

IMMUNO TURBIDIMETRY PRODUCTS

ADX901	ASO Test Kit with calibrator	25 ml	IMMUNOTURBIDIMETRY
ADX912	CRP Test Kit with calibrator	50 ml	IMMUNOTURBIDIMETRY
ADX922	RF Test Kit with calibrator	50 ml	IMMUNOTURBIDIMETRY
ADX932	Micro albumin Test Kit with calibrator	50 ml	IMMUNOTURBIDIMETRY
ADX942	HbA1c Test Kit with calibrator	2 x 20 ml	IMMUNOTURBIDIMETRY
ADX943	HbA1c Test Kit without calibrator	2 x 20 ml	IMMUNOTURBIDIMETRY
ADX961	D-Dimer Test Kit	20 ml	IMMUNOTURBIDIMETRY

LIVER PROFILE

ADX161	Bilirubin - Total Test Kit	4 x 50 ml	DIAZO SULFANILIC
ADX171	Bilirubin - Direct Test Kit	4 x 50 ml	DIAZO SULFANILIC
ADX181	Bilirubin - Total & Direct Test Kit	4 x 50 ml	DIAZO SULFANILIC
ADX201	ALP Test Kit	1 x 50 ml	IFCC
ADX202	ALP Test Kit	2 x 50 ml	IFCC
ADX215	ALT (SGPT) Test Kit	1 x 50 ml	IFCC
ADX216	ALT (SGPT) Test Kit	2 x 50 ml	IFCC
ADX226	AST (SGOT) Test Kit	2 x 50 ml	IFCC
ADX271	Albumin Test Kit	2 x 50 ml	BCG
ADX281	Total Proteins Test Kit	2 x 50 ml	BIURET

ELECTROLYTES PROFILE

ADX294	Calcium Test Kit (mono vials)	50 Test	ARSENazo III
ADX301	Chloride Test Kit	2 x 50 ml	THIOCYANATE
ADX304	Chloride Test Kit (mono vials)	50 Test	THIOCYANATE
ADX363	Potassium Test Kit (mono vials)	50 Test	COLORIMETRIC
ADX373	Sodium Test Kit (mono vials)	50 Test	COLORIMETRIC
ADX422	In. Phosphorus Test Kit	2 x 50 ml	AMMONIUM MOLYBDATE
ADX425	In. Phosphorus Test Kit (mono vials)	50 Test	AMMONIUM MOLYBDATE
ADX435	Magnesium Test Kit (mono vials)	50 Test	XYLIDYL BLUE

SEROLOGY PROFILE

ADX801	ASO Test Kit	25 Test	LATEX AGGLUTINATION
ADX802	ASO Test Kit	50 Test	LATEX AGGLUTINATION
ADX811	CRP Test Kit	25 Test	LATEX AGGLUTINATION
ADX812	CRP Test Kit	50 Test	LATEX AGGLUTINATION
ADX813	CRP Test Kit	100 Test	LATEX AGGLUTINATION
ADX821	RA/RF Test Kit	25 Test	LATEX AGGLUTINATION
ADX823	RA/RF Test Kit	100 Test	LATEX AGGLUTINATION

Code	Product name	Pack Size
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SYSTEM PACK KITS

FOR FULLY AUTOMATED ANALYSER

ADX10SP	Glucose Test Kit	4 x 170 T
ADX11SP	Cholesterol Test Kit	4 x 170 T
ADX15SP	Triglycerides Test Kit	4 x 170 T
ADX27SP	Albumin Test Kit	4 x 170 T
ADX28SP	Total Proteins Test Kit	4 x 170 T
ADX26SP	Alpha Amylase Test Kit	4 x 65 T
ADX20SP	Alkaline Phosphatase Test Kit	4 x 65 T
ADX22SP	AST (SGOT) Test Kit	2 x 225 T
ADX21SP	ALT (SGPT) Test Kit	2 x 225 T
ADX16SP	Bilirubin - Total Test Kit	2 x 210 T
ADX17SP	Bilirubin - Direct Test Kit	2 x 210 T
ADX12SP	Creatinine - SR Test Kit	4 x 180 T
ADX13SP	Creatinine - 2R Test Kit	2 x 225 T
ADX32SP	DHDL Cholesterol Test Kit	2 x 150 T
ADX33SP	LDL Cholesterol Test Kit	2 x 150 T
ADX25SP	Uric Acid Test Kit	4 x 65 T
ADX23SP	Urea Kinetic Test Kit	2 x 210 T
ADX34SP	CK NAC Test Kit	2 x 100 T
ADX35SP	CK MB Test Kit	2 x 100 T
ADX38SP	LIPASE Test Kit	2 x 100 T
ADX29SP	Calcium Test Kit	4 x 65 T
ADX30SP	Chloride Test Kit	4 x 65 T
ADX36SP	Potassium Test Kit	4 x 65 T
ADX37SP	Sodium Test Kit	4 x 65 T
ADX42SP	In. Phosphorus Test Kit	4 x 65 T
ADX43SP	Magnesium Test Kit	4 x 65 T
ADX90SP	ASO Test Kit	2 x 100 T
ADX91SP	CRP Test Kit	2 x 100 T
ADX92SP	RF/RA Test Kit	2 x 100 T
ADX93SP	Micro Albumin Test Kit	2 x 100 T
ADX94SP	HbA1c Test Kit	2 x 100 T
ADX39SP	ADA Test Kit	2 x 100 T
ADXCL-002	Biochemistry Controls Kit	6 x 5 ml
ADXCA-001	Biochemistry Multi Calibrator Kit	3 x 5 ml
ADXDT-001	Detergent Kit For Autochem-200	2 LTR

HEMATOLOGY

AH300D	Diluent Reagent	1 X 20 L
AH300L	Lyse Reagent	1 X 500 mL
AH300P	Probe Cleaner	1 X 50 mL
AH300E	Ez Cleaner	1 X 50 mL

Fully Auto Chemistry Analyzer (Made in India)

Where elegance, quality and technology meets

Catalog No.: ADX-AUTOCHEM-200



MULTIFUNCTIONAL & PRECISE SAMPLING PROBE

- Mirror polished surface with external & internal probe washing
- Multifunctional probe with highly sensitive liquid level sensor for timely feedback on reagent & sample residuals
- Collision detection with automatic probe depth adjustments



EXCELLENT MIXER DESIGN

- Teflon coated mixer with no carry overs
- Paddle type mixing with standard mixing procedure



HIGH PRECISION CERAMIC SYRINGE

- Permanent ceramic piston
- Accurate dispense volume as low as 0.1µl



REACTION TRAY

- Reaction cuvettes - 44
- Minimum reaction volume - 150 µl
- Stable reaction temperature
- Washing: 2 * 6 steps



REAGENT & SAMPLE TRAY

- Reagent positions - 80
- Sample positions - 40 (standard tube & micro cup compatible)
- Onboard Peltier cooling system

Specifications

Machine type	Random access, closed / open system
Test speed	Constant 200 tests/hour (Mono reagent or double reagent)
Test principle	Colorimetric method, turbidimetry
Test method	1 point end, 2 point end, Fixed-Time, Kinetics
Calibration type	Linear & nonlinear
Sample tube	Micro cup, test tube & blood collection tube can be used. (Φ 12 -13)mm * (25 – 100)mm
Sample volume	2-30µL, step by 0.1µL
Reagent tray	Non-stop cooling system with peltier pad inside, 24 hours 2°C-14°C
Reagent volume	20-350µl, step by 1µl
Reaction tray	44 reaction cuvettes, new amorphous optical plastics reaction cups
Reaction volume	150µl-330µl
Reaction time	10 minutes
Temperature	Peltier pad incubation system, reaction temperature (37°C ± 0.1°C)
Light source	Halogen lamp
Wavelength	340nm; 405nm; 450nm; 505nm; 546nm; 578nm; 630nm; 700nm(4 more options)
Absorbance range	0-4.0 Abs
Resolution	0.0001 Abs
Operation system	Windows XP, Windows 7, Windows 8, Windows 10
Interface	TCP/IP network interface
Power supply	AC 110/220V ± 10%, 50/60 Hz, 650W
Water consumption	8L /hour(maximum)
Dimension	780mm * 565mm * 1120mm(L*W*H)
Weight	140kg

Hematology Analyzer (Made in India)

A synonym for precision

Catalog No.: ADX-HEME-340



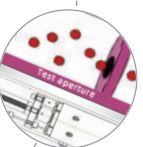
THROUGHPUT

Throughput up to 80 samples/hour with whole blood mode



DISPLAY TYPE

10.4 inch color display screen with touch panel



LEADING TECHNOLOGY

- Cell pulse baseline tracking and restore technology
- High voltage burning technology
- Built-in liquid sensor
- High speed pulse collecting and discrimination
- Intelligent floating threshold technology



STORAGE

Large storage capacity, 500,000 results including histogram & patient information



SAMPLE VOLUME

Minimum volume 9µl whole blood

Specifications

Detection channel	Double -channel for counting
Counting modes	Whole blood mode, pre-diluted mode
Detection principle	Impedance method (WBC, RBC,PLT) and cyanide free colorimetric method (HGB) The detection items include maximum 21 parameters (WBC, Lym#, Mid#, Gran#, Lym%, Mid%, Gran%, RBC, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, HGB, P-LCC, P-LCR) 3 histograms, alarm for abnormal erythrocyte, leukocyte and platelet
Reagent	3-Part diluent and lyse
Report print	Built-in thermal printer with multiple report templates.
Input/Output	4 USB ports and Bi-directional LIS connection, support USB keyboard, mouse, USB disk and USB printer
Dimension	420(L) x 295(W) x 430(H)mm
Net weight	≤ 28kg

Real-time PCR system RT 96 (Made in India)

Best solutions for complex assays

Catalog No.: ADX-410



- 10" inch touch screen with easy-to-use software
- Fast and uniform heating system for thermal cycling
- Highly sensitive and precise optical system with four & six channels for detection of multiplexed targets
- Fits medium to high throughput workflows with up to 96 samples per run
- Outstanding data analysis functions
- Suitable for Gradient, Long PCR, Touch down PCR modes

Specifications

Sample capacity(wells)	96
Reaction Volume	0-100 µl
Consumables	0.1 ml 96-well Plates (unskirt) ; 0.1 ml 8-strip tubes, 0.1 ml PCR single tube (Optical flat cap, clear, frosted, white tube)
Temperature range	0 °C-100 °C
Heating/cooling method	Peltier
Max heating rate	6.1 °C/sec
Average heating rate	4.5 °C/sec
Max cooling rate	5.0 °C/sec
Average cooling rate	2.8 °C/sec
Temperature accuracy	±0.1 °C
Temperature uniformity	±0.1 °C
Gradient Range	1°C - 40°C
Gradient block	12 column
Special temperature protocol	Gradient PCR, Long PCR, Touch Down PCR
Temperature range	Room Temperature-110 °C
Detector	Photodiode
Detection Position	Excitation and scan at top
Detection method	4 & 6 channels scanning at the same time, no edge effect
Detection time	7 seconds for 96 wells for all channels
Excitation/Emission wavelength(nm)	1. 465 /510 (FAM, SYBR Green I, SYTO9, EvaGreen, LC Green) 2. 527/ 563 (HEX, VIC, TET, JOE) , 3.580 /616 (ROX, Texas Red) 4.632/ 664(Cy5) 5.680 /730 (Alexa Fluor680)* 6.465 /616 (FRET)*
Probe	Taqman Probe, Molecular beacons probe, Scorpion probe, FRET
Multiplexing	Up to 4/6 targets
Fluorescence Linearity	$r \geq 0.999$
Fluorescence Dynamic Range	Adjustable
Sample Linearity	$r \geq 0.999$
Sample Repeatability	Ct value CV ≤ 0.5%
Detection Limit	1-10 ¹⁰ copies
Data Analysis modes	Qualitative analysis, Absolute quantification, Relative quantification, Genotyping analysis, Endpoint analysis, Melt curve analysis, High Resolution Melting
Control modes	10.4" touch screen; PC direct control; WLAN control (One PC can control max 10 units and device can be controlled by any PC in the WLAN)
LIS connection	CSV, Excel, TXT format data output, open port for LIS connection
PC operating system	Win 7, Win 10
Communication Port	1 ethernet and 3 USB
Footprint(WxDxH)	355mm X 480mm X 485mm
Weight	30 kg
Power usage	AC 100 to 125 V / 200 to 240 V (50/60 Hz)
Power consumption	900VA
Work environment	Temperature: 10 °C-30 °C Humidity: 20%-85%

Real-time PCR system RT 48



(Made in India)

Affordable solutions to compact molecular laboratories

Catalog No.: ADX-448



- 7" inch touch screen with easy-to-use software
- 48 well throughput system
- 4 channel optical system with ultra-uniform thermal platform
- Max heating rate- 8.0°C/sec & Max cooling rate-5.5°C/sec
- 2 seconds lateral optical scanning mode.
- Powerful windows-based analysis software
- Suitable for Gradient, Long PCR, Touch down PCR modes

Specifications

Sample capacity(wells)	48
Reaction Volume	5-100 µL
Consumables	0.2ml 8-strip tubes, 0.2ml PCR single tube (Optical flat cap,clear tube)
Temperature range	0 °C-100 °C
Heating/cooling method	Peltier
Max heating rate	8.0°C/sec
Average heating rate	6.0°C/sec
Max cooling rate	5.5°C/sec
Average cooling rate	4.0°C/sec
Temperature accuracy	±0.1 °C
Temperature uniformity	±0.1 °C
Gradient Range	1°C - 40°C
Gradient block	8 row
Special temperature protocol	Gradient PCR, Long PCR, Touch Down PCR
Temperature range	Room Temperature-110°C
Excitation source	4 LEDs
Detector	Photodiode
Detection Position	Excitation and scan from lateral
Detection method	4 Channels scanning at the same time, No edge effect.
Detection time	2 Seconds for 48 wells for all channels
Excitation/Emission wavelength(nm)	1. 465 /510 (FAM, SYBR Green I, SYTO9, EvaGreen, LC Green) 2. 527/ 563 (HEX,VIC,TET,JOE) 3. 580 /616 (ROX,Texas Red) 4. 632/ 664 (Cy5)
Probe	Taqman Probe, Molecular beacons probe, Scorpion probe
Fluorescence Linearity	$r \geq 0.990$
Fluorescence Dynamic Range	Adjustable
Sample Linearity	$r \geq 0.999$
Sample Repeatability	Ct value CV $\leq$ 0.5%
Sample dynamic range	10 ¹ to 10 ¹⁰ copies
Data Analysis modes	Qualitative analysis, Absolute quantification, Relative quantification, Genotyping analysis, Endpoint analysis,Melt curve analysis, High Resolution Melting
Control modes	7" Touch screen, PC direct control, WLAN control (One PC can control max 10 units and device can be controled by any PC in the WLAN)
LIS connection	CSV,Excel,TXT format data output,open port for LIS connection
PC operating system	Win 7, Win 10
Communication Port	1 ethernet and 2 USB
Footprint(WxDxH)	260mm X 400mm X 260mm
Weight	11 kg
Power usage	AC 100 to 125 V / 200 to 240 V (50/60 Hz)
Power consumption	600VA
Work environment	Temperature:10°C-30°C Humidity:20%-85%

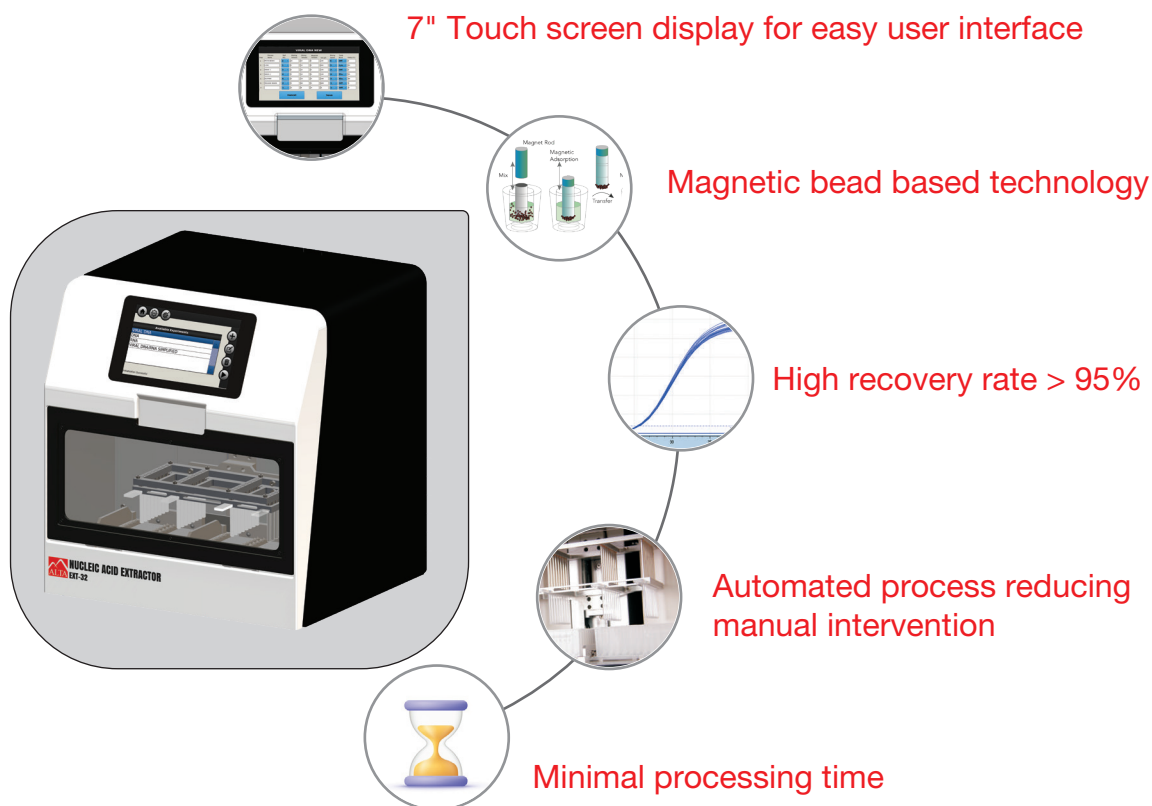
Nucleic Acid Extractor



(Made in India)

Adding efficiency in eluting through magnetic bead technology

Catalog No.: ADX-430



- Automated, walkaway technology
- 7-inch touch screen with easy-to-use software
- Magnetic bead-based technology for ultra-pure nucleic acids extraction
- Fits low or high throughput workflows with up to 32 samples per run
- Seamless integration into any molecular diagnostics workflow
- Minimal Processing time

Specifications

Processing Volume	30 -1500 µl, 30-1000 µl
Capacity	32 samples per run
Collection efficiency of the magnetic particles	≥95%
Heating/cooling method	For cell lysis & nucleic acid elution
Processing-mode	Multi-mode, multi-speed available
Reagents	Reagents suitable for Magnetic Particle Method
Operation Interface	Touch-control Operation
Storage Capacity	Up to 100 protocols
Protocol Management	Create, edit, delete, protocol mode
Pollution control	UV LED
Computer Interface	WiFi(Only for software upgrade)
Network Communication	WiFi
Dimensions	33.3cm x 37.3cm x 41.5cm (LxWxH)
Weight	~25Kg
Power Requirements	AC 110 V± 10% / 230 V ± 10% , 50 Hz / 60 Hz ± 1 Hz, 600 W
Ambient Temperatures	10-40 °C
Relative Humidity	<80%

Real-Time PCR Tests

| Made in India



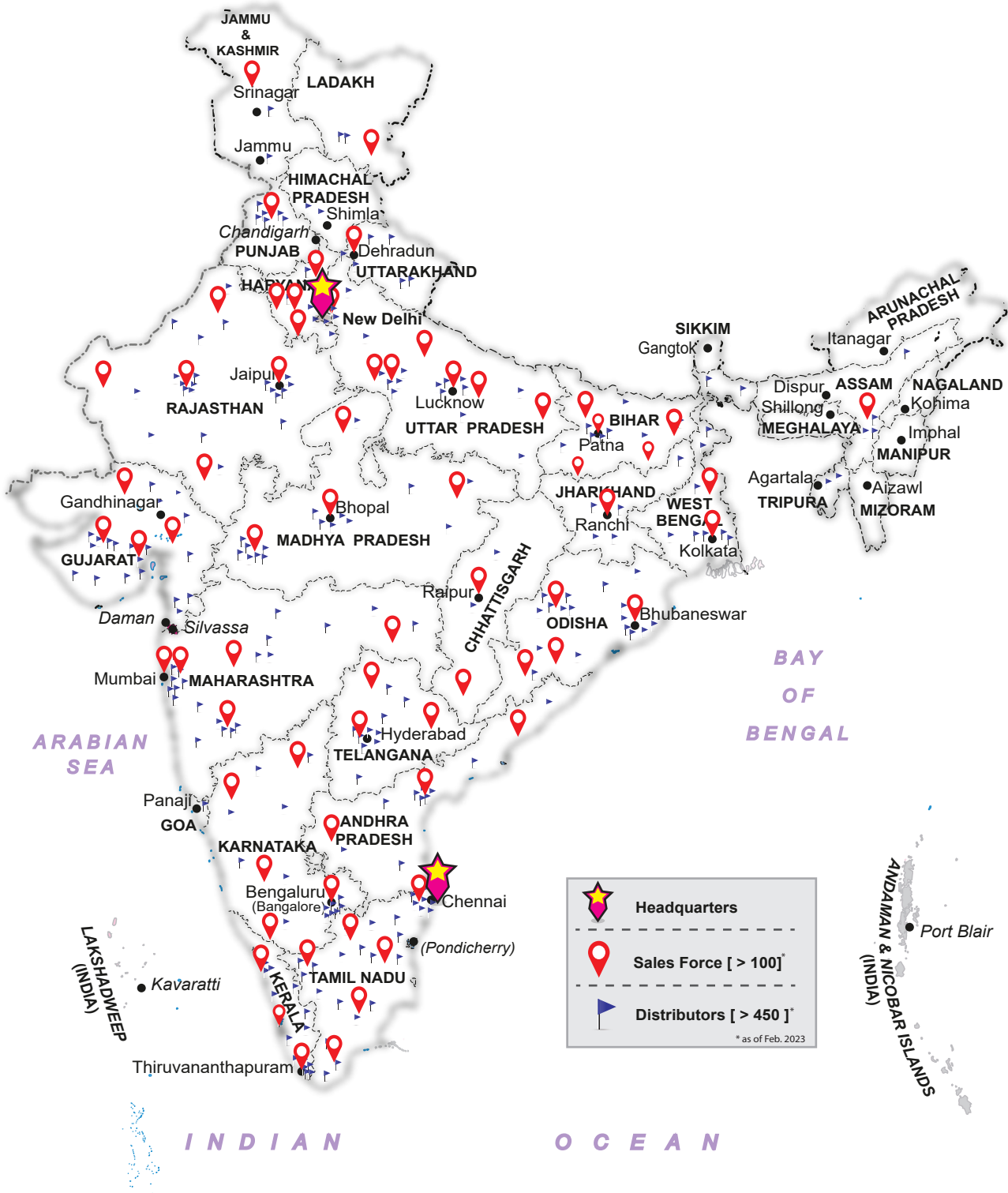
Code	PCR Kits	Pack Size
VIRAL DISEASE		
8001	Hepatitis-B Real-time PCR kit	25 Test
8003	Hepatitis-C Real-time PCR kit	25 Test
8006	Swine flu [H1N1] Real-time PCR kit [CDC-WHO protocol] - Single tube assay-three targets -RNaseP/Uni-InfA-H1N1	25 Test
8007	HSV-1/2 universal Real-time PCR kit	25 Test
8008	HSV-1 Real-time PCR kit	25 Test
8009	HSV-2 Real-time PCR kit	25 Test
8042	HSV1/2 genotyping Real-time PCR kit	25 Test
8010	HHV-3 [VZV] Real-time PCR kit	25 Test
8011	HHV-4 [EBV] Real-time PCR kit	25 Test
8012	HHV-5 [CMV] Real-time PCR kit	25 Test
8013	Dengue Virus Real-time PCR kit	25 Test
8015	Chikungunya Real-time PCR kit	25 Test
8021	Japanese Encephalitis Virus [JEV] Real-time PCR kit	25 Test
8022	BK Virus Real-time PCR kit	25 Test
8024	HPV 16/18 & 12 Real-time PCR kit	25 Test
8025	HPV 6/11 Real-time PCR kit	25 Test
8032	Zika virus Real-time PCR kit	25 Test
8019	Adenovirus Real time PCR kit	25 Test
8018	Enterovirus Real time PCR kit	25 Test
8014	Dengue virus genotyping Real time PCR kit	25 Test
8026	Norovirus I & II Real time PCR kit	25 Test
8034	Rotavirus-A Real time PCR kit	25 Test
8020	WNV Real time PCR kit	25 Test
BACTERIAL DISEASE		
8201	MTB Real-time PCR kit	25 Test
8222	Leptospirosis Real-time PCR kit	25 Test
8205	Chlamydia trachomatis Real time PCR kit	25 Test
8207	Clostridium difficile real time PCR Kit	25 Test
8206	Helicobacter pylori Real time PCR kit	25 Test
8257	Leprosy Real time PCR kit	25 Test
8211	Salmonella Real time PCR kit	25 Test
CANCER MARKER		
8501	JAK2 Real-time PCR Kit	25 Test
8506	EGFR Real-time PCR Kit	25 Test
8507	BCR-ABL Real Time PCR Kit	25 Test
8502	BRAF Real time PCR Kit	25 Test
AUTOIMMUNE DISEASES		
8600	HLA-B27 Real-time PCR kit	25 Test

Covid Profile

| Made in India

Code	Product name	Pack Size
AR0182C	TRUSTline COVID-19 Ag Rapid Test	25 Test
AR0185C	TRUSTline COVID-19 Ab Rapid Test	30 Test
AE0162	TRUSTwell COVID IgG ELISA Kit	96 well
AP0010	TRUSTgen CoVid-19 Real Time PCR Detection Kit	96 Test
AME0002	TRUSTgen DNA/RNA Complete Extraction Kit (spin column)	50 / 100 Test
AME0003	TRUSTgen Viral DNA/RNA Extraction Kit (for ALTA extractor)	64 Test

OUR SALES NETWORK



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