



# ANALYTICAL INSTRUMENTS



*Preferred by lab technicians worldwide*

CE

IVD

 **ATHNESE-Dx**<sup>®</sup>  
Early diagnosis for better life

# ALTA ANALYTICAL INSTRUMENTS

*Reliable, accurate, cost-effective*

## ALTA ELISA READER <sup>CE</sup> ADX-110

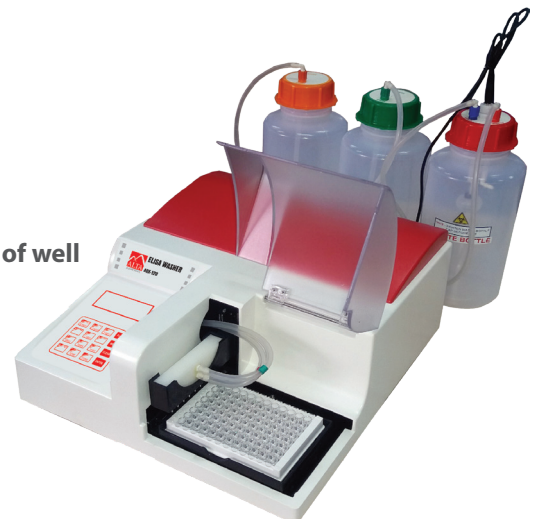
- **Reliable, accurate, cost-effective**
- **Flexible programming to meet your needs**
- **Accommodates different microplate geometries**
- **Variable speed and duration on plate shaker**
- **Ability to read plate within seconds**
- **Digital light control with unique circuit for long lamp life**
- **Storage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



Human Machine Interface	TOUCH PANEL / KEYPAD
Linear Measurement Range	0.000 to 3.500 Absorbance units (A)
Photometric Accuracy	± 2% or 0.007 whichever is higher, from 0 to 1.5 A ± 3% from 1.5 A to 3.5 A
Drift	<0.005 A/hr
Optical Measurement	2 Channel
Filters	
Type of Filter	High quality narrow band Interference
Wave Length	405 nm, 450 nm, 492 nm, 630 nm & two optional
Half Bandwidth	10 nm ± 2nm
Selection	Automatic by stepper motor
Display	7 inch color LCD
Curve Plotting	Graphical representation on printer
Plate Carrier Movement	Precisely through the stepper motor
Printer	Built in thermal printer 52 columns
Memory	250 tests and more than 2500 results
Analysis Mode	Absorbance (normal & differential)
	Cut - off                      Multi - standard
	% Absorbance              Single standard
	Uptake                        Kinetic
RS232 Serial Port / USB	9600 baud, 8 data, 1 stop, no parity bits / USB

## ALTA ELISA WASHER <sup>CE</sup> ADX-120

- **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**
- **Auto detection of bottom of well and collision prevention**
- **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	8 Way manifold autoclavable
Dispensing	Programmable up to 500 µL
Aspirating Method	Continuous through diaphragm pump while dispensing hence preventing overflow
Residual Volume	< 2 µL
Waste Bottle	One (Capacity 2 L) with audible alarm
Wash Bottle	One (Capacity 2 L)
Rinse Bottle	One (Capacity 2 L)
Display	16 digit alphanumeric fluorescent
Liquid contact materials	Silicon, Stainless Steel, Derline
Memory	100 open channels
Washing Method	Plate wash, strip wash, bottom wash, overflow wash, rinsing, priming, disinfect
Timer	Individually programmable 2 Nos

# ALTA ELISA INCU-SHAKER **ADX-130**

- **Reliable, cost-effective**
- **Simultaneous orbital shaking & incubation operation**
- **Buzzer indication on completion of incubation**
- **Indication of remaining time**
- **Time and temperature display**



<i>Operating Modes</i>	Shaker
	Incubator
	Shaker & incubator
<i>Temperature Range</i>	37 °C to 42 °C
<i>Resolution</i>	1 °C
<i>Incubation Time</i>	1 to 999 min
<i>Shaker Speed</i>	400 to 700 RPM
<i>Operating Position</i>	On horizontal flat, rigid and vibration free surface
<i>Operating Conditions</i>	Temperature : From +18 °C to 32 °C
	Relative humidity : Up to 80%
<i>Storage Conditions</i>	Temperature : From - 10 °C to 35 °C
	Relative humidity : Up to 80%
<i>Enclosure</i>	ABS fire retardant

\* Due to continuous development, specifications are subject to change without prior notice

## ELISA TEST KITS



### TROPICAL/PARASITIC

Cat. No	Product	Specimen	Shelf Life
AE0315	CHIK IgM ELISA Kit <sup>CE</sup>	S/P	12 M
AE0310	Dengue IgM ELISA Kit <sup>CE</sup>	S/P	12 M
AE0311	Dengue IgG ELISA Kit <sup>CE</sup>	S/P	12 M
E0312	Dengue Ag (NS1) ELISA Kit <sup>CE</sup>	S/P	18 M
E0330	Leptospira IgM ELISA Kit <sup>CE</sup>	S/P	12 M

### HORMONE/NEONATAL

Cat. No	Product	Specimen	Shelf Life
E1010	Total T3 ELISA Kit <sup>CE</sup>	Serum	12 M
E1011	Free T3 ELISA Kit <sup>CE</sup>	Serum	12 M
E1020	Total T4 ELISA Kit <sup>CE</sup>	Serum	12 M
E1021	Free T4 ELISA Kit <sup>CE</sup>	Serum	12 M
E1030	TSH ELISA Kit <sup>CE</sup>	Serum	18 M

### HEPATITIS

Cat. No	Product	Specimen	Shelf Life
E0100	HAV IgM ELISA Kit <sup>CE</sup>	S/P	12 M
E0105	HEV IgM ELISA Kit <sup>CE</sup>	S/P	12 M



### BLOOD BORNE

Cat. No	Product	Specimen	Shelf Life
AE0410	HIV 1+2 Ab ELISA Kit	S/P	18 M
AE0420	HIV Ag-Ab ELISA Kit	S/P	12 M
AE0510	HCV IgG ELISA Kit	S/P	18 M
AE0710	HBsAg ELISA Kit	S/P	18 M



ISO 13485:2016 Certified Company



## ABOUT US

Athenese-Dx Pvt. Ltd., develops, manufactures and distributes diagnostic tests in collaboration with our strategic partner, CTK Biotech, USA. We distribute entire lines of CTK's *OnSite* Rapid Test and ELISA Kits, exclusively in India. To compliment these tests we are introducing a new line of ALTA high performance analytical instruments.

Our tests are for Tropical/Parasitic, Hepatitis Markers, Gastrointestinal, Biomarkers, Hormone/Neonatal range. The RecombiLISA and TRUSTwell ELISA kits are manufactured using highest quality antigens and antibodies thus providing accurate and reliable performance. These tests are needed to be analyzed by high quality instruments and ALTA is an answer for this.

ADx has a strong Technical Sales Team, mechanical and electronic engineers catering to lab customers and as well through a vast network of distributors all over the country.

Our Core Value is to achieve a high level of customer satisfaction by providing high-quality products at affordable prices, and by incorporating Integrity, Commitment and Service into all aspects of our business ethics.

**EXCLUSIVELY MARKETED BY**



**Athenese-Dx Private Limited**

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