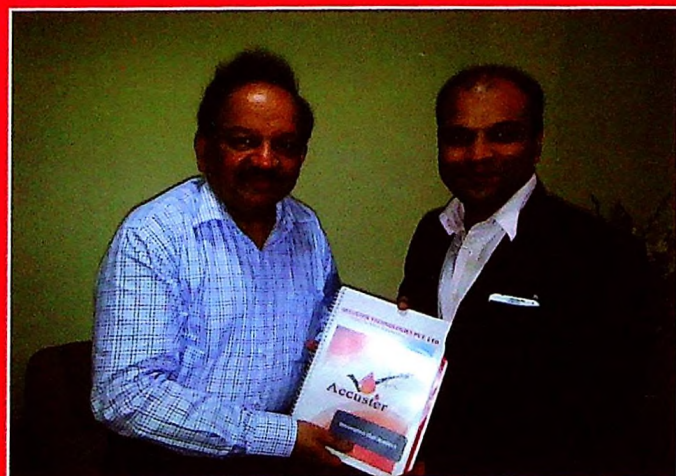
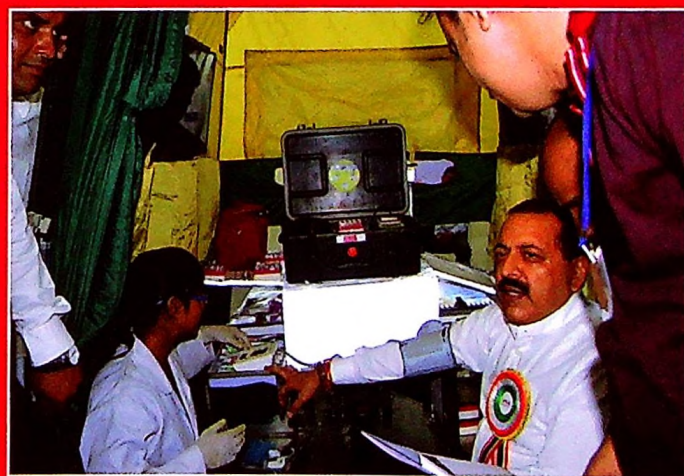


Rewarded as best Medical Product by
President of India Shri Pranab Mukherjee

SDA-RF-AT-3.10



Accuster Meet Dr. Harsh Vardhan - Minister of Health and Family Welfare



Minister of Science & Technology Dr. Jitender Singh appreciating our Innovation LaBike in the event of DSIR

Accuster Technologies Pvt. Ltd.

Plot No. 758, First Floor, Sector 47, Gurgaon - 122018, Haryana, India

Office : 0124-4362 202 | Sales : +91 8527895900/01 | Customer Care : 0124-4500 700/01 | Web: WWW.ACCUSTER.COM

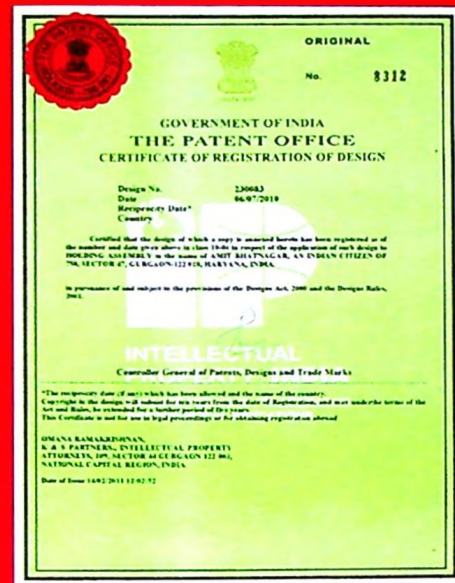
Certifications & Awards



U.S FDA Certification



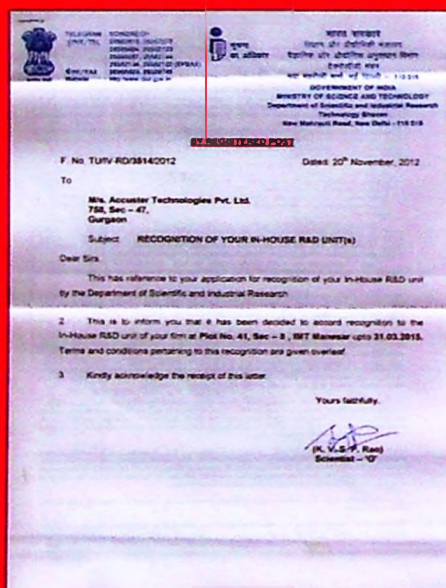
ISO 13485:2003



Patented Technology



CE Certification



DSIR Lab Recognised



FITT



AIIMS Awards



IBM Awards



First Time In Healthcare History : Doorstep Testing
Became Easy & Cost Effective with Reliable Test
Results (Less Than 3% Variation)

Validated at : AIIMS, R&R Army Hospital, ITBP,
Various State's General Hospitals etc...

Recommended by : ICMR, Rotary Club etc...

Mobile Lab Is Compact Portable Clinical Laboratory In a suitcase having Power Back- Up which contains Biochemistry Analyzer ACCU-ALL /Accu kine , Centrifuge, Incubator, Data Recorder/Mini Laptop with Patient Data Management Software, Micropipettes and other accessories. It performs - LIPID, RENAL, LFT, KFT, Electrolytes, Glucose, Haematology - 5 Tests.

It has a proper place for each and every component of Lab and it is so rugged that can be easily carried to the far flung and remotest locations.

- * Open System
- * Portable
- * Rugged Analyzer
- * Temperature Stability
- * Low Power Consumption
- * Less Chemical Consumption
- * Humidity & Climate independent
- * Maintenance Free - Replaced Delicate Mechanism with Rugged Technology
- * Reading time of Analyzer is only 2 seconds
- * Highly Accurate and Linearity up to 4 times
- * No warm up time & cooling time is required
- * Blood collection cost is 1/20th of other Labs
- * Power Backup - 4 Hours Extendable to 24 hrs



Mobile Lab Versions Available

PCML - All

PCML - Kine

- Satellite Control : Switching Off The Labs From Remote Distance
- Test Reports Are Accessible Through Website
- Instant Reporting
- Instant Data transfer from Lab to Laptop/Data Recorder via Bluetooth
- Real Time Data Transfer to Headquarters During field testing

TRAINING ON

- i) Maintaining High Standards of Tests Results | ii) Executing Field Medical Camps

Sugar : Glucose

KFT : Creatinine | Urea | Uric Acid | BUN | EGFR

LFT : Albumin | Alkaline Phosphatase | Direct Bilirubin | Indirect Bilirubin | Total Bilirubin | AST(SGOT) | ALT(SGPT) | Total Protein | Globulin | AG Ratio

Hematology : Haemoglobin | RBC | PCV | MCV | MCH | MCHC

Lipid Profile : Cholesterol | HDL | Triglyceride | LDL | LDL Calculative | VLDL | HDL/LDL Ratio | Cholesterol/HDL ratio | CK_MB

Electrolytes : Sodium | Potassium | Chloride | Phosphorus | Calcium | Magnesium



Complete laboratory will be retrofitted on client's motor-bike with complete framework to keep listed equipments with bio waste management facility with power back up and GPRS Tracker



76 TESTS

MOBILE LAB
MICROSCOPE
ECG KIT
SEROLOGY KIT
UROLOGY KIT
BP MACHINE
HEIGHT & WEIGHT
COLD CHAIN (~2° C)
DATA RECORDER
GPS & WEB CAM
SERVER SUPPORT
SATELLITE CONTROL
BIOWASTE MANAGEMENT
POWER BACKUP
FOLDABLE TENT
FOLDABLE CHAIR
FOLDABLE STOOL

BIOCHEMISTRY | HEMATOLOGY | SEROLOGY |
UROLOGY | ECG | BP & BMI | ONLINE REPORTING

Tests Performed on LaBike

More Than 75 Tests are Performed Including Tests For

BIOCHEMISTRY			HEMATOLOGY	SEROLOGY	URINE
Glucose	Direct Bilirubin	Electrolytes	Hemoglobin	Widal	Leukocyte
Fasting	Albumin	Calcium	WBC (TLC)	Typhi Dot Igm	Nitrite
Random	SGOT	Chloride	Lymphocyte	Malaria Antigen	Bilirubin
PP	SGPT	Sodium	Granulocyte	Dengue NS1 Antigen	Protein
Lipid Profile	ALP	Potassium	RBC	HBSAG	PH
HDL	Total Protein	Magnesium	HCT	HCV	Blood
LDL	Indirect Bilirubin	Phosphorus	MCV	VDRL	Specific Gravity
VLDL	KFT		MCH	RA Factor	Ketone
Triglyceride	BUN	ECG	MCHC	CRP	Bilirubin
HDL/LDL Ratio	Urea	BP	PCV	Pregnancy (UPT)	Glucose
Cholesterol HDL Ratio	Uric Acid	BMI	Platelet	Semen Analysis	Appearance
Cholesterol	EGFR	TEMPERATURE	PCT	Semen Fructose	Colour
LFT	Creatinine		P LCR		Reaction
AG Ratio			P LCC		Quantity
Globulin					Bacteria
Total Bilirubin					

Cost Effectiveness of LaBike

Cost Component	Govt. MMU Cost	LaBike Cost
Vehicle	12 Lacks	75k
Operating Cost (per 100km)	1k	100Rs
Component Cost	10-12 Lacks (approx)	4.5 Lacks
Driver Salary	12k/month	0
Total Cost Per Vehicle	24.13Lacks	4.70 Lacks

First Time in Healthcare History : Doorstep Testing
Became Easy & Cost Effective with Reliable Test
Results (Less Than 3% Variation)

Validated at : AIIMS, R&R Army Hospital, ITBP,
Various State's General Hospitals etc...

Recommended by : ICMR, Rotary Club etc...

Portable Compact Static Lab

"Innovation That Matters"



It is Compact Portable Clinical Laboratory in a suitcase containing Biochemistry Analyzer ACCU-KINE/ACCU ALL, Centrifuge, Incubator, Data Recorder/Mini Laptop with Patient Data Management Software, Micropipettes and other accessories. It performs - LIPID, RENAL, LFT, KFT, Electrolytes, Glucose, Haematology - 5 tests.

- * Open System
- * Highly User Friendly
- * Low Power Consumption
- * Less Chemical Consumption
- * 24 Hour Customer Care Support
- * Highly Accurate and Linearity up to 4 times
- * Maintenance Free - Replaced Delicate Mechanism with Rugged Technology



Lab in a Box
Innovative Thinking Leads to
Revolutionary Technology

Running Cost is Rs 91 for All Tests

Static Lab Versions Available

PCSL-ALL | PCSL-KINE

- Satellite Control : Switching Off The Labs From Remote Distance
- Test Reports Are Accessible Through Website
- Instant Test Reporting
- Instant Data transfer from Lab to Laptop/Data Recorder via Bluetooth
- Real Time Data Transfer to Headquarters During field testing

TRAINING ON

i) Maintaining High Standards of Tests Results | ii) Executing Field Medical Camps

Sugar : Glucose

KFT : Creatinine | Urea | Uric Acid | BUN | EGFR

LFT : Albumin | Alkaline Phosphatase | Direct Billirubin | Indirect Billirubin | Total Billirubin | AST(SGOT) | ALT(SGPT) | Total Protein | Globulin | AG Ratio

Hematology : Haemoglobin | RBC | PCV | MCV | MCH | MCHC

Lipid Profile : Cholesterol | HDL | Triglyceride | LDL | LDL Calculative | VLDL | HDL/LDL Ratio | Cholesterol/HDL ratio | CK_MB

Electrolytes : Sodium | Potassium | Chloride | Phosphorus | Calcium | Magnesium

First Time in Healthcare History : Doorstep Testing
Became Easy & Cost Effective with Reliable Test
Results (Less Than 3% Variation)

Validated at : AIIMS, R&R Army Hospital, ITBP,
Various State's General Hospitals etc...

Recommended by : ICMR, Rotary Club etc...

Test List

Sugar :
Glucose

KFT :
Creatinine
Urea

Uric Acid
BUN
EGFR

LFT :
Albumin
Alkaline Phosphatase
Direct Bilirubin
Indirect Bilirubin
Total Bilirubin
AST(SGOT)
ALT(SGPT)
Total Protein
Globulin
AG Ratio

Hematology :
Haemoglobin

RBC
PCV
MCV
MCH
MCHC

Lipid Profile :
Cholesterol
HDL
Triglyceride
LDL
LDL Calculative
VLDL
HDL/LDL Ratio
Cholesterol/HDL ratio
CK_MB (with Accu-Kine)

Electrolytes :
Sodium
Potassium
Chloride
Phosphorus
Calcium
Magnesium

First Time in Healthcare History : Doorstep Testing
Became Easy & Cost Effective with Reliable Test
Results (Less Than 3% Variation)

Validated at : AIIMS, R&R Army Hospital, ITBP,
various State's General Hospitals etc...

Recommended by : ICMR, Rotary Club etc...

ECO-SMART ANALYZER

- * Based on LED, Patented Technology
- * Open System
- * Lightest In Weight
- * Highly User Friendly
- * Memory of 3,000 Reports.
- * Less Reagent Consumption
- * Lesser Cost of Kinetic Tests
- * Low Power Consumption (4watt).
- * Highly Accurate and Linearity up to 4 times
- * Clinical Biochemistry Test (32 parameters) & 5 Haematology Parameters
- * 20 times more life compared to present Analyzer
- * Portable, very Rugged and Reliable Analyzer
- * Unique way of Calibration which is Quite Cost Effective.
- * Maintenance free - Replaced Delicate Mechanism with Rugged Technology (No filter No Lamp)
- * Stable Performance
 - I) It is more precise and Accurate.
 - II) Internal Thermal Sensitive Printer
 - III) Less prone to Electromagnetic effects.
 - IV) Temperature stable device can operate in temperature 5 to 50 degree centigrade.



AccuKine Versions
ACCU-KINE | ACCU-KINE +
(UV & Visible Light)



AccuALL Versions
ACCU-ALL | ACCU-ALL +
(Visible Light)

Online Reporting Format

Accuster Technologies Pvt. Ltd. Aster Grand, Gurgaon Plot No 37 Sector 14, Gurgaon, Haryana-122001 Ph: 0124-48507000 Email: support@accuster.com Date: 6/3/2014 10:55:44 AM				
PID: TP0051	Name: Abhishek Tiwari	Age: 0	Height: 0	Weight: 0
Sex: M	BP: 0	BMI: 0	Diet: Ad	Phone: 9750091777
Address: sec 47 Gurgaon, Gurgaon, Haryana, INDIA				
Test Type	Test Name	Values	Unit	Normal Range
BIOCHEMISTRY TEST	CHOLESTEROL TOTAL	118	mg/dL	120-250
	Creatinine Kinetic	0.96	mg/dL	0.780-1.41.2
	Glucose Random	96	mg/dL	70-140
HAEMATOLOGY	HAEMOGLOBIN	13	g/dL	12-17

- Satellite Control : Switching Off The Labs From Remote Distance
- Test Reports Are Accessible Through Website
- Instant Reporting
- Instant Data transfer from Lab to Laptop/Data Recorder via Bluetooth
- Real Time Data Transfer to Headquarters During field testing

Market Rates Vs Running Costs of Accuster Lab

<u>Sr. No.</u>	<u>TEST</u>	<u>MRP IN MARKET (INR)</u>	<u>Our Price List</u>
	SUGAR		
1	Glucose	80	0.90
	HEMATOLOGY		
2	Haemoglobin	90	0.70
	LFT		
3	Total Bilirubin	110	2.40
4	Direct Bilirubin	110	2.40
5	Albumin	100	1.60
6	SGOT	140	4.85
7	SGPT	140	5.0
8	ALP	120	5.0
9	Total Protein	140	1.50
	KFT		
10	Uric Acid	120	3.58
11	Urea	100	2.54
12	Creatinine (kin)	110	5.30
13	Creatinine (End)	110	3.30
	ELECTROLYTES		
14	Calcium	110	2.32
15	Chloride	120	2.25
16	Sodium	120	8.50
17	Potassium	120	9.50
18	Magnesium	180	4.70
19	Phosphorus	120	4.80
	LIPID PROFILE		
20	HDL	180	2.18
21	LDL	180	2.18
22	Cholesterol	210	5.40
23	Triglycerides	180	10.30
Total = 2990			Total = 91.20

Comparison between Accuster Mobile Lab and Others

Sr. No	Mobile Lab	Other Conventional Labs
1	Portable and Rugged Device	Non portable and highly sensitive device
2	It is a whole clinical biochemistry laboratory that is handy and easily transportable, Lab in a box, it contain all instruments where Biochemical Analyzer is only one component.	Requires at least a room for the set up, with lot of stringent condition Biochemistry analyzer is a machine on which we can read the concentration of biochemical parameters of blood.
3	It contains Biochemistry Analyzer, Centrifuge, Incubator, Data Recorder with Patient Data Management Software, Micropipettes, 4 Cuvette Boxes, Tip Box. It has a proper place for each and every component of Lab	Here all other required components has to be bought separately. Lot of infrastructure is required to run a room lab
4	Customer will have 1 service provider	Different vendors are involved
5	Low voltage Consumption	High voltage required (400watt-5000watt)
6	4 hour power back up via battery packs and Solar Panel which can also be extended	No Back up
7	The whole lab can operate using a solar panel/battery for 24hrs with v. low cost	High investment on space and power
8	Temperature should not be maintained (no warm up and cooling time for operations), independent of humidity Lab designed from 0 deg to 50 deg C	Stringent conditions needed to maintain temperature and humidity for usage, there is warm up and cooling time
9	LED technology is used which prevents break downs	Lamps are used (Halogen) which is prone to frequent breakdowns
10	Maintenance free	Maintenance free
11	Running Cost is low because of following factors 1) Blood collection cost (no vials, transportation of sample, anti coagulants, EDTA vials not required) 2) Power Consumption is less	Running cost is high

	Semi Automatic Analyzer	Accurate All	Accukine – Upgraded Version
Power Supply	+220v AC	12v DC	12 v DC
Consumables & Reagents Specific	Yes – Closed system	No – Open System	No – Open System
Portability & Rugged Ability	No	Yes Pass 2ft drop test	Yes Pass 2ft drop test
Sample Required	1.0ml	0.5ml	0.5ml
Light Source	Lamps	LED that prevents frequent breakdowns	LED that prevents frequent breakdowns
UV & Visible light	filters	Virtual filters	Virtual filters
Flow Cell	Sucking mechanism	Sucking mechanism required which reduces complexity and delicacy in sample reading and sample analysis,	No pump system required which reduces complexity and delicacy in sample reading sample analysis,
Method	End point, Kinetic method	End point, Creatinine only with Kinetic method	End point, Kinetic method, Fixed point
Reading Time	5 sec	2 sec	2 sec
Test performed	Haematology and electrolytes can't be performed	36 tests : 31 biochemistry with electrolytes & 5 haematology parameters	37 tests 32 biochemistry with electrolytes & 5 haematology parameters
Temp. Required	It should be maintained	Not required	Not required
Maintenance	Highly sensitive	Rugged/Maintenance free	Rugged/Maintenance free
Climate & humidity independent	No, needs stringent laboratory controlled conditions	Yes, stable in all environment	Yes, stable in all environment
User friendly	User friendly	User friendly	Yes
Weight	Weight	600 Gm.	600 Gm.
Warm up time & Cooling Time	3 -5 minutes	Not required	Not required
Modes operation	Tough	Easy	Easy
Economical	High cost	1/3 of an analyzer(Highly economical)	1/3 of an analyzer(Highly economical)
Accuracy/Linear	linear	Highly linear	Highly linear
Life		5 times more than an analyzer	5 times more than an analyzer