









First Generation Entrepreneur

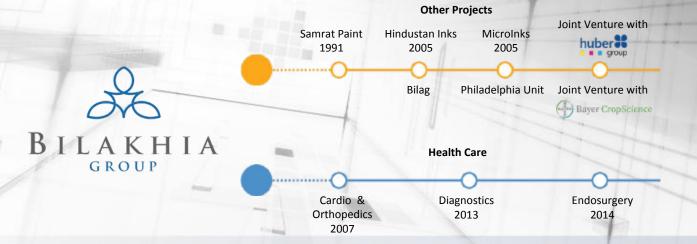
Commenced Industrial Operation more than 2 decades ago



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## The Bilakhia Group Journey So Far

- Once a small scale company, now transformed into a highly respected and transparent group with good governance.
  - Highly capable management with excellent track record.
    - Strong foundation for future wealth creation.





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## Ma Foundation – Knowledge is growth Maa = Mother. Symbolizes the person who gives selflessly



If you want to change the world, start with a small corner...



Humanity



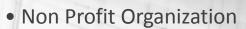
Creativitiy



**Imagination** 



Growth



- Supports 250 schools and children
- Brings schools to villages
- Annual expenditure of > \$ 10 MM







Located 150kms north of Mumbai at Vapi, ensconced within the serene hill-sides of Chala town, Meril sits proud in its ultra modern manufacturing facilities.





- While innovations and advancements play a vital role in contributing towards better health of the society, a larger role also lies in educating and imparting training to pathologists, clinicians, technicians and other members of the medical fraternity
- Meril's Training Academy is a world class, first of its kind institution that offers both practicing professionals and students hands on training and knowledge
- Modernistic, contemporary academy with Hands on Trainings, Simulators, Live Case Learning, Distance learning,
   Hard-ware play rooms, Libraries, Cadaver and Animal models



## Meril Park

Vapi, India



Where research becomes the basis of discovering newer way of alleviating human suffering and empowering an individual with good health

Situated within 150 acres of land and built over 40,000 sq. ft. area, Meril's ISO 13485 & cGMP certified ultra-modern facility boasts over 8,000 sq. ft. of Class 10,000 clean rooms.

All key activities are performed under Class 100 Laminar Air Flow (LAF).



#### Meril Park Vapi, India

Where re newer wa an individ

Where research becomes the basis of discovering newer way of alleviating human suffering and empowering an individual with good health

A state-of-the-art, 300,000 sq. foot manufacturing, research and development facility is testimony to the commitment and vision of Meril's future plan to cater to the global IVD market and become a leader in Indian IVD industry by 2018.



#### Meril's Healthcare Verticals



Meril is a global medical device company dedicated towards design and development of novel, clinically relevant, state-of-the-art and best-in-class devices to alleviate human suffering and improve the Quality of Life, spanning broad operational canvas from Vascular Interventional devices to orthopedics, In-Vitro Diagnostics and Endo-Surgery.



















## **Global Presence** China, Beijing Ocoporate Office Sales and Marketing P Branch Offices

100% subsidiaries/operations in - Europe, Bonn (Germany); Latin America, Sao Paulo (Brazil); China, HQ – Beijing (China); Turkey, North America, HQ – Philadelphia (USA)

Strong operations via distributor model in - Africa, S/E Asia, Middle East, Russia & rest of the world



## **Diagnostics Business**

## **International Market**



## **Domestic Market**



### **Latin America**



- Brazil
- Colombia
- Peru
- Honduras
- Bolivia
- Paraguay
- Chile
- Gautemala
- El Salvador
- Mexico
- > Trinidad & Tobago
- Uruguay
- Guyana
- Nicaragua
- Dominican Republic

**→** More than 250 Installation and More than 75 Distributors

## **CIS and Gulf Countries**

#### **CIS Countries**



#### **GULF Countries**



## **CIS and Gulf Countries**

### **CIS Countries**

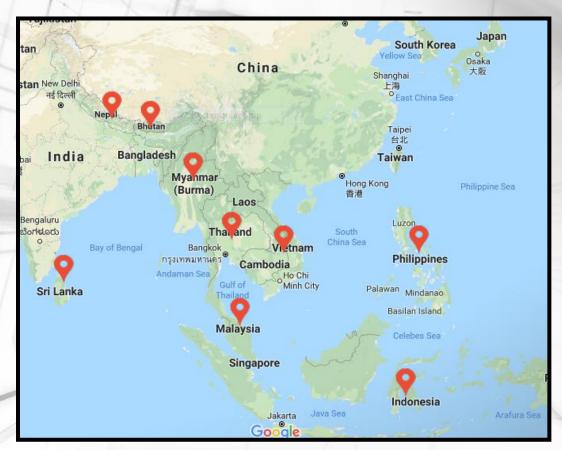
- Georgia
- > Armenia
- Azerbaijan
- Ukraine
- > Israel
- > Kazakstan
- Uzebekistan
- > Turkmenistan

### **GULF Countries**

- > Saudi Arabia
- > Oman
- > Yemen
- > Jordan
- > Iran
- > Syria
- Afghanistan

➤ More than 150 Installation and More than 13 Distributors

### **South East Asia**



- Nepal
- Myanmar
- Bhutan
- Sri Lanka
- Phillippines
- Thailand
- Malaysia
- > Indonesia
- Vietnam

More than 300 Installation and More than 22 Distributors

## **East Europe**



- > Italy
- > France
- More than 35 Installation and More than 3 Distributors

- We are present in more than 52 Countries
- ➤ We have more than 78 Distributors
- ➤ In just 2 Years We have more than 700+ Installations in International Market





## **Domestic Diagnostics Business**

- > We are present PAN India
- ➤ More than 350 Field Force including 70 Skilled Technical Support Team
- ➤ More than 600 Distributors PAN India
- ➤ More than 5000 Installations



# Meril Diagnostics launches a wide array of innovative diagnostic products with a new Awakening in the IVD industry

Available with a complete range of analyzers and reagents for





# Meril Diagnostic Products Clinical Chemistry

Analyzers

Merilyzer CliniQuant

Merilyzer CliniQuant™

Semi-Automated Biochemistry Analyzer

Merilyzer AutoQuant 100 i

Merilyzer AutoQuant 200i

Merilyzer AutoQuant 400™

Fully-Automated Biochemistry Analyzer

Reagents

Meriline CliniQuant™

Meriline AutoQuant™



Note: Above all product are CE certified

www.merillife.com

# Meril Diagnostic Products Clinical Chemistry



Semi-Automated Biochemistry Analyzer

- 8 assay modes
- Preloaded test protocols
- 100 Open Tests Programmes
- 32 μl Quartz flow cell, minimum aspiration of 200 μl
- Real time graph display
- Daily and Monthly QC for 3 levels with LJ Graph
- 5000 Patient Data Storage

- Designed for various assays
  - Clinical Chemistry
  - Special Proteins
  - Drugs of Abuse
  - Therapeutic Drugs
  - Electrolytes





# Meril Diagnostic Products Clinical Chemistry



Semi-Automated Biochemistry Analyzer

- 8 assay modes
- Pre loaded test protocols
- 100 open test programmes
- Real time graph display
- 200 patient memory
- RS 232 interfacing port
- Report Management Software

- 32 μl quartz flow cell, minimum aspiration of 200 μl
- Designed for various assays
  - Clinical Chemistry
  - Special Proteins
  - Drugs of Abuse
  - Therapeutic Drugs
  - Electrolytes





## Meril Diagnostic Products Clinical Chemistry



- Freeze Dried Reagents (FDR)
- Fluid Stable Reagents (FSR)
- Turbidimetric Immuno-Assay (TIA)
- Controls







#### **Fully-Automated Biochemistry Analyzer**

- Throughput: Double Reagent : 100 Tests/hour
   Single Reagent : 125 Tests/hour
- 60 reaction cuvette. Reusable and dismountable.
- 22 sample position. 22 reagent position with On-Board Cooling.
- 1 probe with Liquid level detection and HV-Collision detection. 1 Stirer
- With STAT function.
- 8 channel optic fiber filter.
- 7-step On-board laundry with water consumption of
   3.5L per hour.
- Smallest and lightest bench top FAA

# Meril Diagnostic Products Clinical Chemistry

Merilyzer AutoQuant 200i

Fully-Automated Biochemistry Analyzer

Throughput: Double Reagent : 200 Tests/hour

Single Reagent: 240 Tests/hour

- 60 reaction cuvette. Reusable and dismountable.
- 30 sample position. 30 reagent position with On-Board Colling.
- 1 probe with Liquid level detection and HV-Collision detection. 1 Stirer
- With STAT function.
- 8 channel optic fiber filter.
- 7-step On-board laundry with water consumption of 3.5L per hour.
- Smallest and lightest bench top FAA





#### Meril Diagnostic Products

### Meril

#### **Clinical Chemistry**



#### **Fully-Automated Biochemistry Analyzer**

- Throughput of 400 Tests / hour.
- 2 Probes for R1 & R2 and 1 Probe for Sample
- 70 Sample position with Barcode scanner. Can hold 5mm tube & standard cup of 2ml
- 60 Reagent position maintained by water cooled refrigeration system.
- Equipped with Barcode Identification.
- 30 positions for 70ml and 30 positions for 20ml system packs.
- Optical fiber filter system. With STAT function.
- 80 Semi-Disposable cuvettes.
- 7-step On-board laundry system, with water consumption of 6 L. With Alkaline detergent wash

# Meril Diagnostic Products Clinical Chemistry



- Fluid Stable Reagents
- Excellent on board stability
- High linearity
- Maximum fill volume of 20 ml





Analyzers





Reagents





Enzyme Immuno Assay Plate Reader

- Quantitative, Semi-quantitative, Qualitative, Absorbance assay mode
- Dynamic range of 0 to 3.0 O.D
- Multiple Parameter testing
- Top loader
- On-board software and Elaborated PC Software
- Extensive QC programme with Levy Jennings plot





#### Merilyzer ElAWash

Enzyme Immuno Assay Plate Washer

- Easy to use keypad with high resolution LCD display
- 100 Tests Storing Capacity 8 channel & 12 channel washing manifold
- Compatible with flat, U & Round bottom plates
- Integrated Liquid level sensors waste bottle
- Centre point and crosswise aspiration
- Programmed aspiration, soak and shake mode





### Meriline Merilisa

- Infectious
  - •HIV 3rd Gen.
  - •HIV 4th Gen.
  - •Hepatitis B
  - •Hepatitis C
- Thyroid
  - •T3
  - •T4
  - •TSH







Note: Above all product are CE certified

### Meriline MeriScreen

- HIV 1+2
- HBsAg
- HCV
- Dengue
  - IgG & IgM
  - NS1
  - Dengue Onset
- Pregnancy
- Syphilis

- Malaria
  - P.f / P.v / PAN Ag
  - P.f HRP II Ag
  - Pf / PAN Ag
  - pLDH Ag
  - P.f / P.v Ag
  - P.f / P.v Ab





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#### **Meril Diagnostic Products**

Hematology

Analyzers

Merilyzer CelQuant 360

Merilyzer CelQuant 360 Vet

Reagents

Meriline CelQuant 3<sup>™</sup>





#### Meril Diagnostic Products

#### Hematology

### Merilyzer CelQuant 360

- Throughput of 60 samples / hour
- 20 parameters and 3 histograms
- Venous, Capillary and pre diluted mode
- WBC, RBC and PLT-Electrical resistance detection; HGB- Colorimetric;
- HCT-Cumulative pulse height detection
- Dual Channel testing and independent hemoglobin testing system with volumetric base
- Sample Aspiration Volume of 9.8  $\mu$ l in Venous and Capillary blood mode and 20  $\mu$ l in Pre-diluted blood mode
- Built-in Thermal Printer
- User friendly software







### Meril Diagnostic Products Coagulation



#### Analyzers

Merilyzer Clot Quant 2

2 Channel Coagulation Analyzer



4 Channel Coagulation Analyzer

Reagents





## Meril Diagnostic Products Coagulation





2 Channel Coagulation Analyzer

4 Channel Coagulation Analyzer

- Advanced scattered light principle
- Test performed: PT, APTT, FIB, TT and single factor tests
- Sample Positions: 16 positions (ClotQuant 2) / 24 positions (ClotQuant 4)
- Reagent Positions: 4 positions (ClotQuant 2) / 6 positions (ClotQuant 4)
- Reagent Consumption: Less than 50 μL
- Test Wavelength: 470 nm
- Memory of 5000 test results
- Electronically-linked pipette
- QC data storage up to 120 for 3 levels of QC









More to Life

www.merillife.com