

YOM Technology Transfer Program

With over a decade of experience, we offer support for complete technology transfer for Your Own Manufacturing plant. The program is designed to have low initial investments and volumes as per local requirements.

- Requirement analysis
- Understanding on key factors for setting up a local manufacturing plant
- Consultancy towards plant design, etc.
- Providing list of equipment/raw materials with potential sources
- Training at our R&D center/Manufacturing site (optional)
- Visit of our specialists for initial lots manufacturing (optional)
- Support for continuous operations of manufacturing

The YOM program is flexible towards specific projects requiring specific inputs. The program offers complete manufacturing setup on a turnkey basis and allows the partner to rapidly establish a manufacturing ability with relatively low investments towards technology costs.



MEDSOURCE OZONE BIOMEDICALS PVT. LTD.

PLOT NO. 109, HSIIDC, SECTOR - 31, FARIDABAD, HARYANA (INDIA)-121003

+91-129-4286600 mail@ozonebio.com www.ozonebio.com

Follow us on:      



IN VITRO DIAGNOSTICS

Solutions for the Emerging World



MEDSOURCE OZONE BIOMEDICALS

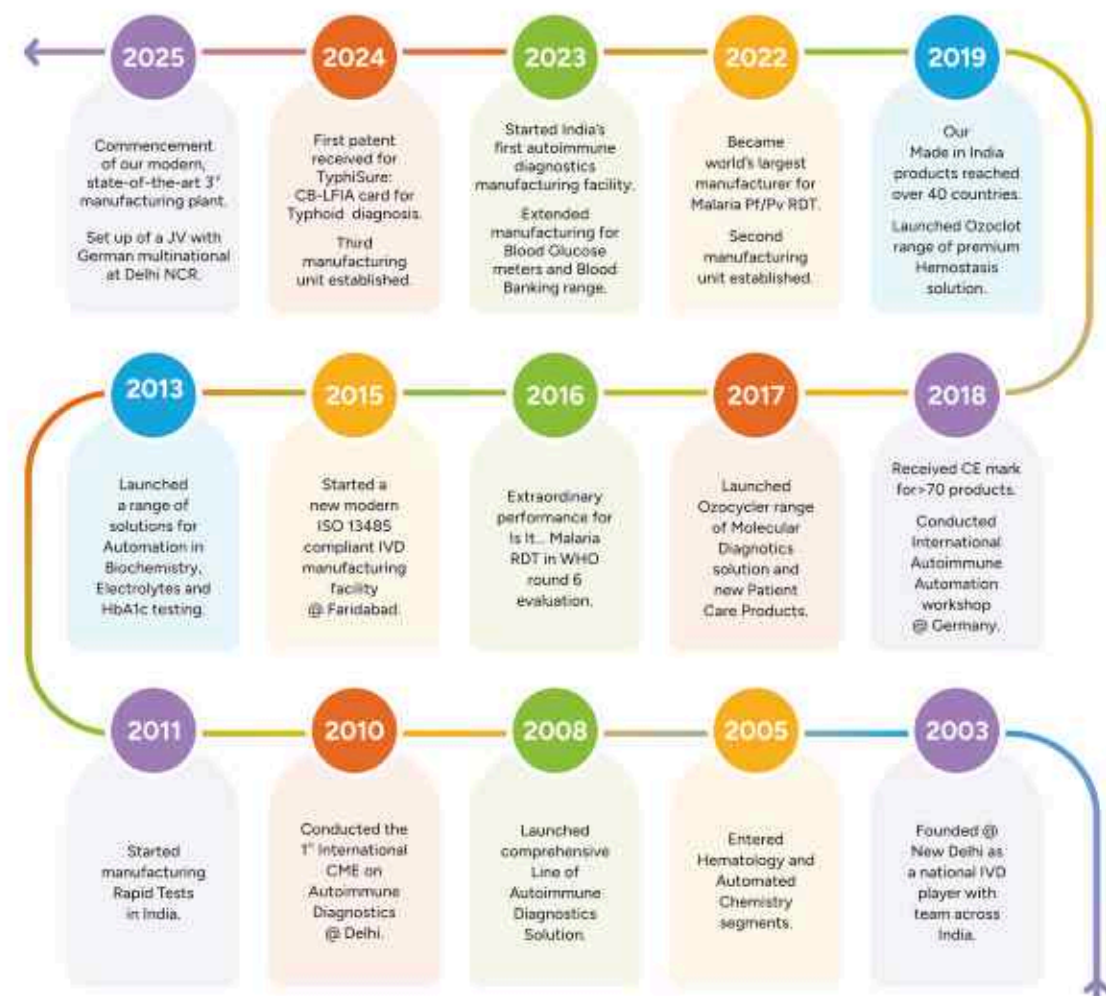
Globally Recognized Certifications

Key Milestones



Our Presence

- A team of 400+ people across more than 100 locations around the world.
- Presence across Government, Corporate, Hospitals, Pharmacy and Private lab setups.
- 75+ trained service & application team members to provide support.
- Over 16000 customers in clinical labs across the globe.
- Manufacturing partner for multiple IVD organizations from Europe, USA and Asia.
- Made in India IVD products sold in over 45 countries across 4 continents.





Rapid Diagnostic Tests



High Sensitivity and Specificity



Good background clearance



Clear bands for control as well as test lines



High batch to batch consistency



Wide range with focus on infectious diseases



WHO round 6 & 7 for Malaria Ag with excellent performance data

Is It... Range of Rapid Tests



Vector Borne Infectious Diseases

- Pf/PAN Malaria Antigen (HRP-II/pLDH)
- Pf/PAN Malaria Antigen (PfpLDH/pan pLDH)
- Pf/Pv Malaria Antigen (HRP-II/pLDH)
- Pf/Pv Malaria Antigen (PfpLDH/pLDH)
- Pf Malaria Antigen (HRP-II)
- Pf Malaria Antigen (PfpLDH)
- Malaria PAN Antigen (pLDH)
- Dengue NS1
- Dengue IgG/IgM
- Dengue Combo (NS1+IgG/IgM)
- Chikungunya IgG/IgM
- Scrub Typhus IgG/IgM
- Leishmania IgG/IgM
- Filariasis



Other Infectious Diseases

- Salmonella/Typhoid IgG/IgM
- Salmonella/Typhoid Antigen
- H. pylori Antibody
- H. pylori Antigen
- Toxo IgG/IgM
- Rubella IgG/IgM
- Leptospira IgG/IgM
- Covid-19 IgG/IgM
- Covid-19 Antigen Test
- HAV IgM
- HEV IgM
- CB LFIA Typhoid Assay

Typhi Sure®

Typhoid Antigen Detection Test

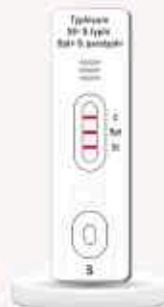
State of the art CB-LFIA assay for *Salmonella typhi/paratyphi**
Over 24 hours earlier detection than advance culture based assays

- Sensitivity and specificity ~100%
- Extraordinary performance across multi center studies
- Detect and differentiate *S. typhi* & *S. paratyphi A*
- Room temperature storage and transportation



Available in 2 variants

- For hospital/central labs
- For primary health centers



Rapid Diagnostic Tests



Blood Screening/Sexually Transmitted Diseases

- HIV 1/2 Triline
- HCV
- HIV/Syphilis Combo
- HIV Ag/Ab 4th Generation
- Syphilis Dipstick
- HIV/HBsAg/HCV Combo
- HBsAg
- Syphilis Device



Fertility

- hCG Device
- hCG Midstream
- LH Midstream
- FSH
- hCG Dipstick
- Male Fertility
- LH Device



Fertility Bovine

Bovine Pregnancy Test (Bovine/Ovine/Caprine)

Lateral flow immunochromatographic assay for the qualitative detection of Pregnancy-Associated Glycoproteins (PAG) in cattle/goat/sheep serum/plasma/whole blood.

The solution for early & accurate detection!



Others

- Troponin-I
- Procalcitonin
- CRP
- Troponin-T
- Fecal Occult Blood
- D-Dimer
- Procalcitonin Semi Quantitative
- CCP
- Vitamin D



Various product format options are available including

- Colloidal Gold
- Semi-processed raw materials
- Semi-finished tests
- Recombinant Antigens
- Uncut sheets
- Monoclonal Antibodies
- Uncut Sheet Components



Clinical Chemistry and Immunoturbidimetry



Liquid Stable Reagents



Convenient Small Pack Sizes Available



Low Interferences



High Linearity



Excellent Reagent Stability



Highly Cost Effective

Substrates and Enzymes

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • Alfa Amylase • Alkaline Phosphatase DGKC • Bilirubin T&D • Auto Bilirubin Total • Auto Bilirubin Direct • Cholesterol • Creatinine 2 Reagents • Creatinine Mono Reagent • Gamma GT Kinetic • Glucose • Glycosylated Hemoglobin • Hemoglobin Drabkins | <ul style="list-style-type: none"> • HDL Cholesterol Precipitating • HDL Cholesterol Direct • Auto HDL Direct • LDL Cholesterol Direct • Auto LDL Direct • LDH • Microprotein Mono Reagent • SGOT (AST) IFCC • SGOT (AST) Colorimetric • SGPT (ALT) IFCC • SGPT (ALT) Colorimetric • Total Protein Biuret | <ul style="list-style-type: none"> • Albumin BCG • Triglycerides • Urea Berthelot • Urea NED Dye • Urea GLDH UV • Uric Acid Mono Reagent • ADA Assay • Lipase Assay • Creatinine Enzymatic • ACE • CK-Nac • CK-MB |
|---|---|---|

Electrolytes

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • Calcium OCPC Method • Calcium Arsenazo Mono Reagent • Calcium Arsenazo Mono Vial* • Chloride Hg-Th-Cn • Sodium Colorimetric | <ul style="list-style-type: none"> • Potassium Colorimetric • Sodium Mono Vial* • Sodium Enzymatic • Sodium Potassium Mono Vial* • Potassium Enzymatic | <ul style="list-style-type: none"> • Magnesium Colorimetric • Phosphorous Colorimetric • Iron Colorimetric |
|---|---|---|

Proteins (Turbidimetric)++

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • Rheumatoid Factor (RF) • C-Reactive Protein (CRP) • Anti Streptolysin 'O' (ASO) | <ul style="list-style-type: none"> • Microalbumin (malb) • Immunoglobulin E (IgE) • HbA1c Direct | <ul style="list-style-type: none"> • Homocysteine • D-Dimer • Ferritin |
|---|---|---|

Controls and Calibrators

- | | | |
|---------------------------|--------------------------|----------------------------|
| • Ozocal Calibration Sera | • Ozonorm Control Normal | • Ozopath Control Abnormal |
|---------------------------|--------------------------|----------------------------|

Cleaning Solutions

- | | |
|-------------------------------------|---------------------------------------|
| • Autowash Fully Auto Wash Solution | • Ozowash Flow Cell Cleaning Solution |
|-------------------------------------|---------------------------------------|

*Unique prefilled single-use vial concept for unparalleled accuracy and ease of use
++Liquid Stable Calibrators for the highest accuracy of results



Clinical Chemistry and Immunoturbidimetry

URA Biochemistry Analyzer

- Most robust analyzer in its class
- Over 4000 analyzers installed worldwide
- Least service requirements
- 6 Filters preinstalled + 2 optional positions
- Flow Cell + Cuvette Mode
- Online display of reaction curve
- Peltier controlled temperature
- Liquizone clinical chemistry reagents pre-programmed



Csense 120 Auto Chemistry Analyzer

- Compact entry level automation for 120 tests/hour throughput
- On board reagent cooling for upto 72 reagent positions
- On board 6 stage washing station for continuous walk away operation
- Reusable cuvettes for cost effective processing
- 22 sample positions with options to go upto 71 sample positions
- Ozosense System packs for direct application of reagent bottles on analyzer
- Powerful features including reagent, waste and DI water sensing, collision detection, etc.



Csense 280^{CO} Auto Chemistry Analyzer

- Constant speed 200 tests/ hour
- Independent probe and stirrer
- Compatible with appropriate size system packs
- Reagent tray with 40 reagent positions (Optional 80 positions)
- Sample tray with 40 sample positions
- 4-stage, 2 times automatic washing system
- Onboard clot detection for use of primary tubes
- Supports 3 reagent assay such as HbA1c
- Software designed to support accreditation (ISO 15189)



Csense 400^{CO} Auto Chemistry Analyzer

- Constant speed 400 tests/hour
- 90 barcoded reagent positions and 120 sample positions
- Automatic liquid level sensing, anti-collision protection, clot detection
- Maintenance free semiconductor based solid state refrigeration
- Onboard clot detection for use of primary tubes
- Supports 3 reagent assay such as HbA1c
- 6-stage, 2 times automatic washing system with Autowash solution
- Dedicated probes for sample and reagent





Hematology Analyzers

Alphacount Smart

- Auto clog-prevention design
- Double Chamber with throughput of 60 tests/hour
- Excellent repeatability and reliability
- Large 10.4" color display with touch screen
- Two reagent system with low running costs
- Built-in thermal printer multiple interfaces
- Cyanide free reagent and low reagent consumption



Eurocount NG

- Fast touchscreen based Hematology Analyzer
- Throughput upto 72 samples/hour
- Low sample volume (8.5 µl)
- Automatic clog cleaning
- 22 parameters with 3 Histograms
- 2 Reagent system



Eurocount 5S

- 29 parameters & 60 sample throughput
- Dual acceleration flow cell system
- Flow cytometry with laser light scatter
- Dual WBC differential channels
- Cutting-edge technology
- Space-saving compact design
- Laser flow cytometry 2 histogram 4 scattergrams



Hematology Reagents/QC



For 3 Part and 5 Part Systems

- Diluent
- Lyse
- Cleaner
- 3/5 part controls for various Hematology Analyzers



Hematology Analyzers

Alphacount 5P

- The brand-new automated 5-part differential Hematology Analyzer
- Tri-angular laser scatter + Flow cytometry for 5-part WBC counting
- Independent BASO counting channel
- Whole blood, peripheral blood, pre-diluted blood
- Throughput of 60 samples/hour
- 29 parameters (including 4 research parameters)



Eurocount 5L

- 5 part Hematology Analyzer
- 28 parameters
- 2 Histograms, 2 Scattergrams
- 60 samples/hour
- 3D Topographic Maps for WBC
- Integral Titanium Incubation System
- 2 test modes & 2 sample modes
- Laser Scatter Technology
- Constant Linear Sheath Flow
- Cyanide free reagents



Eurocount 5L Auto Loader

- Designed for high workload users for reliable 5 part Hematology Analysis
- All the features of Eurocount 5L + in built autoloader
- Capacity of 50 tubes autoloader with continuous loading
- Closed tube mode with barcode scanning + tube mixing + cap piercing
- Open tube mode for single tube testing
- Dedicated PC allows for remote access for 1st level support





Blood Grouping and Serological Analysis



Highest quality assays at most competitive prices



Multiple pack size options available



Colour coded reagent concept



Over 15 years of experience in manufacturing and end user sales



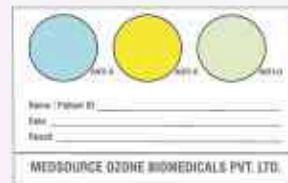
Complete kit format for most assays includes accessories, positive control, slides, etc.



Calibrated against International Reference Standards (CDC, NIST, WHO, etc.)

Blood Grouping at Point of Care

- Ideal for field use
- No refrigeration required
- Finger prick sampling
- Extraordinary accuracy at point of care



Blood Grouping Reagents

- Anti A
- Anti B
- Anti AB
- Anti D IgM
- Anti D IgG+IgM
- Anti A+B+D Combo pack
- Blood Grouping Card Test
- AHG
- Bovine Serum Albumin



Febrile Antigens / Infectious Diseases Widal Range

- Salmonella O, H
- Salmonella O, H, AH, BH, CO, CH
- Salmonella O, H, AH, BH, AO, BO, CO, CH
- Salmonella O, H, AH, BH
- Salmonella O, H, AH, BH, AO, BO
- Proteus OX-19

Rheumatology

- Rheumatoid Factor (RF)
- C-Reactive Protein (CRP)
- Anti Streptolysin 'O' (ASO)

Brucella Range

- Brucella abortus
- Brucella melitensis

Syphilis Range

- RPR (VDRL) Assay



ELISA Range



Ready to use



High linearity



Breakable wells



User-friendly protocol



Simple calculation for cut-off values



Prolonged shelf-life

- HIV
- HCV
- HBsAg
- Dengue NS1
- Syphilis
- HIV Ag/Ab 4th Generation
- HCV Ag/Ab 4th Generation
- Anti-CCP



Electrolyte Analyzer

Ozolyte 70

- Compact, high accuracy electrolyte analyzer
- Available in Na/K, Na/K/Cl, Na/K/Ca, Na/K/Ca/Cl, Na/K/Ca/Cl/pH configuration
- 70 tests/hour throughput
- Low running costs
- Long life electrodes





Urinalysis & Coagulation

Uscan 120

World Class Urine Analyzer

- Compatible with Ozochek Urine Strips
- In-built thermal printer
- PC/LAN compatible
- 100 tests memory
- Stable in Indian environmental conditions



Ideal for all lab sizes



Urine Strips

Reagent Strip for Urinalysis

- 100 tests pack size
- Safe and sterile
- Available in 2P, 3P & 10P parameters



Easy to use



Accurate



Ozoclot Uno

- Touch screen interface for user convenience
- 12 sample and 3 reagent positions for incubation
- Results in INR, Ratio, Quick %
- Low reagent and sample volume required
- No stirrers/bars required
- Maintenance free instrument
- Supports PT, APTT, FIB, TT, D-Dimer Testing, etc.



Hemostasis Reagents

- Prothrombin Test (PT)
- APTT
- D-Dimer
- Coagulation Control-N
- Coagulation Control-AB

Liquid Handling Range

VOLUME	TYPE
0.5-10 µl	Variable
5-50 µl	Variable
10-100 µl	Variable
100-1000 µl	Variable
5 µl	Fixed
10 µl	Fixed
50 µl	Fixed
100 µl	Fixed
500 µl	Fixed
1000 µl	Fixed



Patient Care Range



Ozochek range of professional quality products for personal use

Blood Glucose Meters

- Ozochek Easy Touch
- Ozochek Everyday
- Ozotest GlucoLyt
- Hiquel Glucose Monitor



Hemoglobin Meters

- Hemobank Bench Top Analyzer



- Hemoprime Handheld Analyzer



Blood Pressure Monitors

- BP Atom
- BP Crest



Nebulizers

- Premia
- Smart
- Cozy





Molecular Diagnostics

Ozocycler Neo

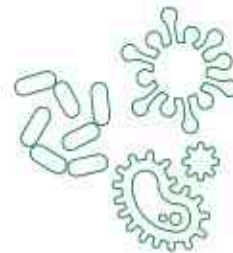
- Highest quality peltier for unsurpassable thermal performance
- Unique bottom detection technology shortens the light path length and improves sensitivity
- Long life LED based excitation needs no maintenance or preheating
- Available with multi filters and 10 dyes designed for clinical diagnostics application
- Low to medium throughput with upto 48 tests performed in one go
- No spectral cross talk-superior multiplexing



Ozofind Range of Real Time PCR Assays

Infectious Diseases

- | | | |
|-------------|------------------------|-------------------------|
| • HIV | • HSV | • CMV |
| • HCV | • HCV Genotyping | • MTB/NTM 2 |
| • MTB | • Chikungunya | • Dengue/Chik Multiplex |
| • HPV | • Toxoplasmosis | • H1N1 |
| • Malaria | • HBV | • SARS CoV-2 |
| • Flu Panel | • Tropical Fever Panel | |



Oncology

- | | |
|------------|------------|
| • BRAF | • BCR ABL |
| • KRAS | • PML RARA |
| • HER2 | • JAK2 |
| • MTHFR | • EGFR |
| • FLT3-TKD | • HPV |

Genetic Screening

- HLA-B27
- Fragile X FMR1 & FMR2
- Y Chromosome deletion
- Beta Thalassemia
- Cystic fibrosis



Molecular Diagnostics

Genepure Pro

- Full automation with use of prefilled cartridges
- Variable number of nucleic acid extractions per run
- Ability to process 32 samples per run in as low as 8-35 minutes (protocol/assay dependent)
- Support for a wide range of assays
- An adapted design allows even a single extraction to be performed in a fully automated protocol
- Universal extraction kit and protocol – A single kit for almost all the common applications of real time PCR in clinical labs



Genepure Nano

- Compact fully automated system for nucleic acid extraction
- Individual cartridges for 1 to 4 extractions / run
- Full automation with use of prefilled cartridges
- Dedicated elute vials for direct collection of nucleic acid
- Universal extraction kit and protocol – A single kit for almost all the common qPCR applications in clinical labs
- Supports a wide range of downstream qPCR applications



Ozofind Total Nucleic Acid Extraction Kit

- Universal extraction kit for isolation of viral, bacterial, fungal, human genomic DNA and RNA from human clinical specimens
- Allows efficient workload management by simultaneous extraction for multiple assays like HCV, HBV, MTB, MTB/NTM, HLA B27, CHIK-DEN etc. in a single run
- Universal protocol for most applications with low TAT (< 40 minutes)
- Available for automated and manual processing of samples

