



Frontline

Electronics & Machinery Pvt Ltd

INDUSTRIAL ULTRA SONIC SOLUTIONS

Precision • Performance • Reliability

ABOUT US

Established in 1992, Frontline Electronics and Machinery Pvt. Ltd. is a professionally managed company specializing in manufacturing high-quality ultrasonic cleaning systems, sonicators, anilox roller cleaners, herbal extractors and industrial cleaning solutions. The company is known for innovative engineering, precision manufacturing and customer-focused solutions across multiple industries.

1992

Year of Establishment

34+

Years of Excellence

30+

Products Manufactured

95%

Repeat Customer Rate

INDUSTRIES WE SERVE



Automotive &
Engineering



Pharmaceutical
Industry



Healthcare &
Hospitals



Research
Laboratories



Food &
Herbal



Printing &
Packaging

FRONTLINE CLEANING SOLUTIONS

ULTRASONIC CLEANER



Deep Cleaning

Stainless Steel

Lab & Industrial

Digital Control



MATERIAL
SS304 / 316



CAPACITY
6L – 100L



FREQUENCY
23 / 37 kHz



POWER
120 – 1000W

MULTI STAGE ULTRASONIC CLEANER

Deep Cleaning

Lab & Industrial

Stainless Steel

Digital Control



MATERIAL
SS304 / 316



CAPACITY
6L – 100L



FREQUENCY
23 / 37 kHz



POWER
120 – 1000W



REED CLEANER

Deep Cleaning

Stainless Steel

Lab & Industrial

Digital Control



MATERIAL
SS304 / 316



CAPACITY
6L – 100L



FREQUENCY
23 / 37 kHz



POWER
120 – 1000W





ANILOX ROLLER CLEANER

Fast Cleaning

Smart Operation

High Efficiency

Digital Control



TIME

5 - 20 mins



INK TYPE

Water & Solvent



ECO MODE

Chemical free



ROLL TYPE

Ceramic & Chrome

OTHER CLEANING SOLUTIONS



VAPOR DEGREASER



ULTRASONIC
CLEANER TABLE TOP



PROBE SONICATOR
WITH CHILLER



ULTRASONIC CLEANER WITH
PLC/HMI CONTROLLER

LABORATORY & RESEARCH EQUIPMENT

PROBE SONICATOR



Amplitude Control

Lab & Research

High Performance

Reliable Operation



VOLTAGE

230V / 50 Hz



CONTROL

PLC / LCD



FREQUENCY

23 ± 3 kHz



POWER

150–1000 W

ULTRASONIC HERBAL EXTRACTOR

Digital Control

High Yield Extraction

Fast Processing

Industrial Grade Design



MATERIAL

SS304 / 316



HEATING

Digital Display



FREQUENCY

23 ± 3 kHz



POWER

1500–3000 W



ULTRASONIC BATH WITH CHILLER



Digital Control

Below Ambient Cooling

Efficient Sonication

Industrial Grade Design



MATERIAL

SS304



CAPACITY

30–100 Liters



FREQUENCY

23 / 37 kHz



POWER

750–1250 W

ULTRASONIC BATH



Efficient Sonication

Below Ambient Cooling

Digital Control

Industrial Grade Design



MATERIAL
SS304 /316



CAPACITY
30–100 Liters



FREQUENCY
23 / 37_+ 3khz



POWER
1500–3000 W

OTHER EQUIPMENT



**MULTISTAGE ULTRASONIC
CLEANER WITH DRYER/CHILLER**



**MULTISTAGE ULTRASONIC
CLEANER WITH SPIN ARRANGEMENT**



**FIRE PROOF
ULTRASONIC CLEANER**



AUTOCLAVE

THERMAL & TESTING EQUIPMENT

HOT AIR OVEN



High Accuracy

Uniform Heating

Lab & Industrial

Digital Display



MATERIAL

SS304 Chamber



SENSOR

PT-100



ACCURACY

$\pm 1^{\circ}\text{C}$



POWER

220V AC, 50 Hz

STABILITY CHAMBER

Micro Control

Climatic Testing

Uniform Airflow

Dual Display



DISPLAY

Digital PLC display



TEMP

5°C to 50°C



ACCURACY

$\pm 1^{\circ}\text{C}$



HUMIDITY

40–95% RH



VACCUM OVEN



Vacuum Drying

Industrial Grade

Uniform Heating

Dual Display



MATERIAL

SS Inner Chamber



TEMP

Up to 200°C



ACCURACY

$\pm 1^{\circ}\text{C}$



SHELF

Removable



BOD INCUBATOR

Micro Control

Climate Testing

Data Logging

Dual Display



DISPLAY
DIGITAL LED



SENSOR
PT-100



ACCURACY
 $\pm 1^{\circ}\text{C}$ or Better



TEMP
 5°C to 50°C

OTHER EQUIPMENT



SHAKER INCUBATOR



UV CHAMBER



BACTERIOLOGICAL
INCUBATOR



HUMIDITY CHAMBER

PRECISION CONTROL SYSTEMS

CONSTANT TEMPERATURE WATER BATH



Refrigerated System

Wide Temp Range

Continuous Operation

Digital Control



MATERIAL
SS 304 TANK



TEMP
-20°C to 100°C



ACCURACY
±0.2°C



CUSTOMISABLE
(heater/ chiller)

CIRCULATING WATER BATH

Pump Circulation

Uniform Circulation

Heating & Cooling

High Accuracy



DISPLAY
Digital Indicator



TEMP
+5°C to 100°C



ACCURACY
±0.2°C



MATERIAL
SS 304 TANK



6/12 HOLE WATER BATH



Precision Heating

Uniform Circulation

Continuous Operation

Digital Control



MATERIAL
MS powder coated
/ SS304



TEMP
+5°C to 100°C



ACCURACY
±0.2°C



CUSTOMISABLE
(heater/ chiller)

OUR SPECIALITY



**SURGICAL TRAY (ROBO
SAFE PROCEDURE TRAY)**



**ULTRASONIC CLEANER
WITH OIL SKIMMER**



**DUAL STAGE ULTRASONIC
CLEANER WITH CHILLER & HEATER
WITH REAR SIDE CONTROL**



**ULTRASONIC CLEANER
FOR DAVINCI ROBOTIC ARMS**



**ULTRASONIC LPG
VALVE CLEANER**



**ULTRASONIC FILTER /
CARTRIDGE CLEANER**

TRUSTED PARTNERS

PHARMA COMPANIES



HOSPITALS



GOVERNMENT ORGANIZATIONS



OTHER COMPANIES & ORGANIZATIONS



SERVICES WE OFFER

Customized
Machines

Machinery
Consultancy

Preventive
Maintenance

Annual
Maintenance
Contracts

Comprehensive
Maintenance
Contracts

Calibration
Services

Installation &
Commissioning

Breakdown &
Maintenance

Technical Support
& Application
Guidance

Repair, Refurbishment & Upgradation
of Ultrasonic Cleaners of All Brands

GET IN TOUCH



079-26304066 , + 91-7041855705



info@fempl.com



www.frontlineelectronic.com



49 Basement, 120 Feet Ring Rd, Opp. Shri Sahajanand Arts & Commerce College, Panjara Pol, Ambawadi, Ahmedabad, Gujarat 380015



FACTORY 1 ADDRESS:

F-17 Ravi Estate, Opp. Gurudwara, Dudheshwar, Ahmedabad, Gujarat-380004



FACTORY 2 ADDRESS:

Plot-496 MSME Park 2,GIDC Sanand-II Industrial Estate,Sanand, Gujarat-382110