



## Your Partner For World Class Mass Transfer Products and Complete Turnkey Solutions

DISTILLATION  
L-L EXTRACTION  
ABSORPTION  
EVAPORATION  
EDIBLE OIL REFINING  
BIODIESEL  
OIL & GAS  
ENVIRONMENTAL



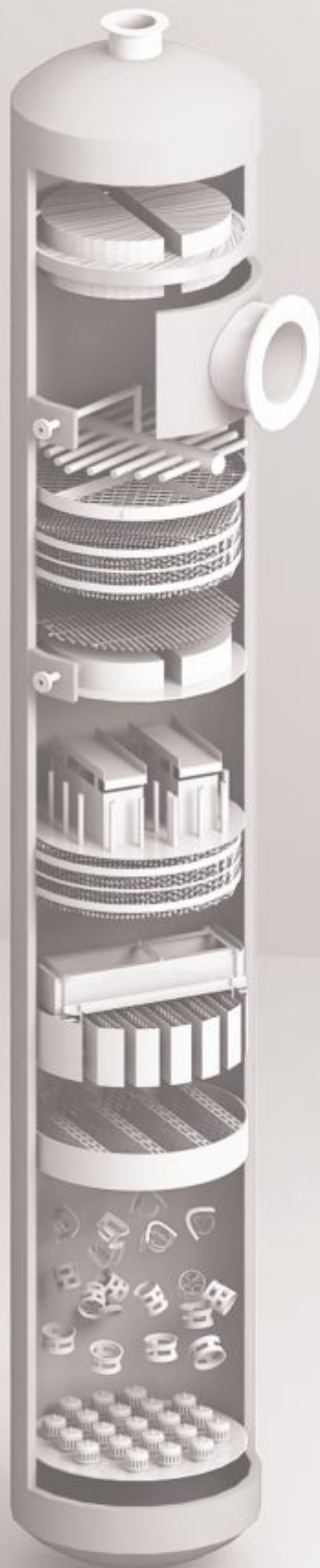
Engineering



Turnkey Systems



Equipments



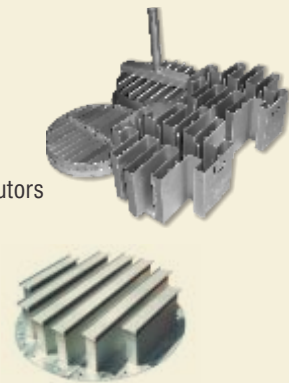
## FXPack Column / Tower Packings

Structured Packing  
Random Packing  
Structured Grid Packing



## FXInt Column Internals

Liquid Distributors  
Redistributors  
Chimney Tray Distributors  
Collectors  
Support Grids/Plates



## FXTray Distillation Trays

Sieve Trays  
Fixed Valve Trays  
Bubble Cap Trays  
Floating Valve Trays  
Cartridge Trays  
High Capacity Trays



## FXIntSep Separator Internals

Inlet Device  
Distributors  
Foam Breakers  
Coalescer Packs  
VID  
Baffle  
Cyclones  
Sand Jetting System



## FXReact Reactor Internals

Inlet Diffuser  
Radial Flow Baskets  
Gas/Liq Distributor Trays  
Reactor Sieve Trays  
Fixed Screens  
Support Grids



## FXPusher Pusher Centrifuges

FXPusher P1-P8  
Spares



## FX LLC Liquid-Liquid Coalescers

Flat Plate Pack  
Matrix Pack  
Dual Media Coalescer



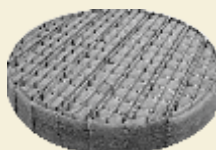
## FXMix Static Mixers

FMV  
FMX  
FMXL



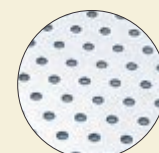
## FXInt ME Mist Eliminators

Wire Mesh Type  
Vane Type



## FX LLE Extraction Packing / Trays

FX Extract



## Distillation Technology

Solvent Recovery Systems  
Batch & Continuous Distillation Systems  
Extractive Distillation  
Reactive Distillation  
Pressure Swing Distillation

## Liquid-Liquid Extraction

Packed Columns  
Agitated Packed Columns  
Agitated Tray Columns

## Fats & Oleochemicals Technology

Dry Fractionation  
Fat Splitting  
Fatty Acid Fractionation  
Glycerine Purification  
Hydrogenation

## Edible Oil Refining

CentiMix Degumming  
FlexiBleach Bleaching  
Eco<sup>2</sup>Flex Deodorising  
HiVac Heat Exchanger

## Biodiesel Technology

Biodiesel Plant  
Glycerine Recovery  
Methanol Recovery

## R&D Set-up (Skids)

Pilot Trials  
Semi Production Scale Plant  
Skid Mounted Pilot Plants

## Process Technologies for Oil & Gas Industry

TEG Dehydrators  
Amine Sweeteners  
Used Oil Re-refining  
White Spirit Plant  
Crude Oil Refining  
Vacuum Distillation Unit  
Condensate Fractionation Unit  
Process Packages for Oil & Gas Industries

Skid Mounted Packages for  
De Salters  
De Aerator  
Anti Foaming  
Corrosion Inhibition  
Sulfiding Agent

## Evaporation Technology

Falling Film Evaporators  
Forced Circulation Evaporators  
Agitated Thin Film Evap / Dryer  
Multiple Effect Evaporators

## Environmental Technology

Bio Methanation - Biogas Production  
Direct Oxidation System  
Catalytic Oxidation System  
Condensation Oxidation System  
Active Carbon Adsorption  
VOC & Odour Removal

## Equipments for Process Industry

Columns  
Heat Exchangers  
Reactors  
Vessels etc.



# Solutions from Fenix®

## Process Technology

Feasibility Study  
Conceptual Design  
Process Simulation  
Testing (Laboratory / Pilot Plant)  
Design Manual  
Process Guarantee

## Control Systems

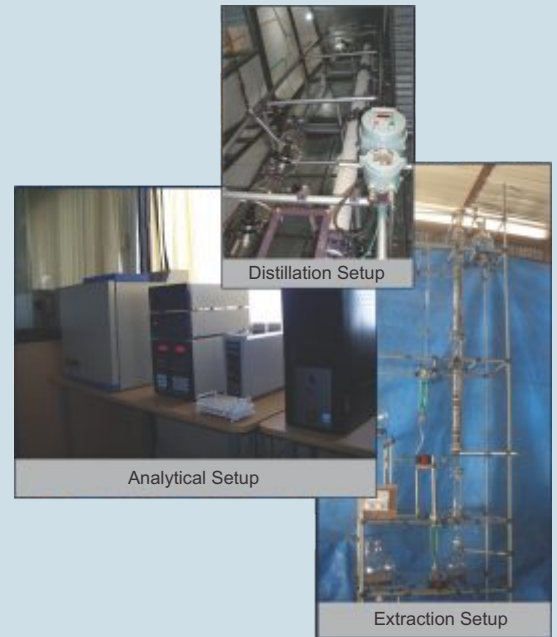
Instrumentation Diagram  
Control Specifications

## Project Management

Basic Engineering Package (BEP)  
Project Engineering  
Equipment Fabrication  
Erection & Commissioning  
Operators Training  
In house Analytical & Data Analysis

## After Sales Service

Troubleshooting  
Spare Parts  
Revamping of Non-Fenix Plants



## Fenix Process Technologies Pvt. Ltd.

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Near Mangeshkar Hospital  
Opp. Sevasadan School  
Erandwane, Pune - 411004  
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ООО «ТИ СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ

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Representative: