

Come and visit the state-of-the-art laboratory for a free demonstration.

EKATO India offers EKATO SYSTEMS vacuum processing units for trials that are ideally suited for a wide range of applications such as mixing and homogenizing of liquids or high viscous materials as well as for mixing and drying of solids.

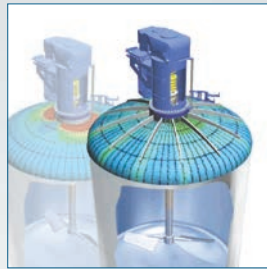
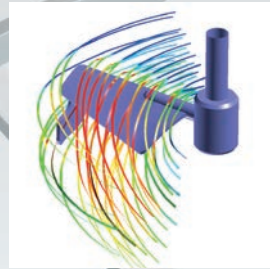
EKATO India Private Limited  
 EL 90, TTC Industrial Area, MIDC  
 Mahape, Navi-Mumbai 400 710, India  
 Phone: +91 22 2762 1104 & 1105  
 Fax: +91 22 2762 1106  
 E-mail: india@ekato.com

www.ekato.com



# Mixing Blending Drying

- Agitators
- Mixing Systems
- Seal Services



EKATO INDIA

## UNIMIX

- State-of-the-art vacuum processing technology for low to high viscous media (mixing, homogenizing, tempering, degassing, etc.)
- Applications: creams, mascaras, toothpastes, lotions, ointments, emulsions, etc.
- Units from 2 litres up to 50 litres processing capacity

## SOLIDMIX

- Vertical vacuum processing and bulk solids mixer and dryer
- Handles free flowing solids and pasty products
- Applications: API, fine chemicals and chemical products, etc.
- Units from 20 litres up to 100 litres processing capacity

- Laboratory tests conducted by highly qualified technicians
- The use of state-of-the-art trial equipment
- Process evaluation / process development
- Analysis of the test results and production recommendations for scale-up
- Process consulting



920-01-593/500/11.2014

www.ekato.com

## EKATO India

EKATO India (since 2007) is a company with ISO 9001:2008 certification and a wholly owned subsidiary of EKATO Process Technologies GmbH, Germany.

- Caters to business of EKATO Group in India for agitators, mixing systems, spare parts, service and technical support
- Maintains a full fledged assembly and testing facility for standard agitators
- Offers a state-of-the-art set-up for mechanical seal repair, re-conditioning and testing
- Provides lab scale and pilot scale mixing systems for product trials and scale up

[www.ekato.com](http://www.ekato.com)



Mechanical seal test rig

## Repair of mechanical seals at EKATO India

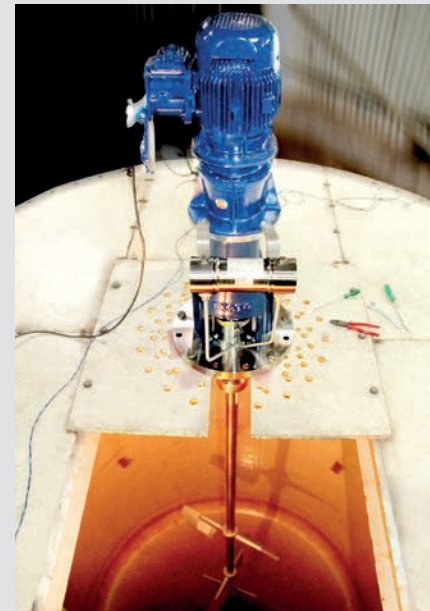
EKATO India has a complete set-up for carrying out repair and reconditioning of mechanical seals efficiently in a short time. A fully automated test rig ensures test run of mechanical seals at different operating pressures and rpm.

- Services rendered: cleaning, lapping and repairing, testing, certifying for usage
- Serviced type of seals: single-acting, double-acting and triple-acting
- Benefits to the customer: quick servicing of seals locally, reduced downtime in case of breakdown or plant shut down, all seals dynamically tested and warranted for six months.

Advanced Process Solutions

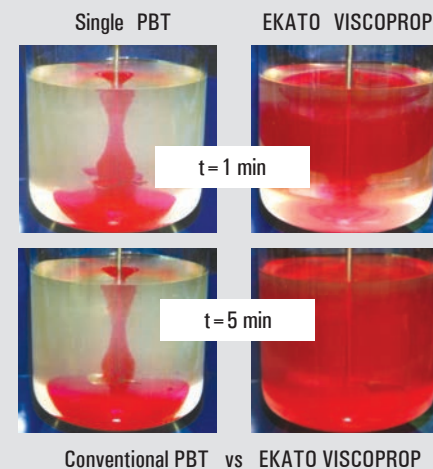


## Agitator test pit



Test pit capable of:

- Testing agitators up to 45 kW
- Shaft lengths up to 6,000 mm
- Impeller diameters up to 2,500 mm



## Services

EKATO provides an enhanced level of after sales service through prompt response, wide service network and competent corrective and preventive service solutions. EKATO India has a full-fledged service set-up with an experienced team of service engineers trained at EKATO Germany to provide assistance for:

- Erection / start-up / commissioning
- Repair / maintenance / trouble shooting
- Modifications and training

## Mechanical seal dynamic test rig

Specifications:

- Dynamic test rig for seals up to shaft diameter 200 mm
- Max. speed - 300 rpm
- Max. pressure - 70 bar

After repair mechanical seals are tested under operating pressure and speed. Test certificates are issued.

## Advantages

- Local support and seal repair – quick servicing
- Cost and logistics advantage
- Reduced down time in case of breakdown
- Well qualified service staff, trained in Germany
- All seals dynamically tested in operating pressure and speed
- 6 months warranty certificate for all re-conditioned seals
- Servicing by the manufacturer ensures better reliability
- One point responsibility from EKATO India hence time saving solutions for the customer



before repair

after repair

Repair of mechanical seals at EKATO India