



# Tec Aero Devices

...Making it Possible



TEST RIGS

EQUIPMENTS

ELECTRO-MECHANICAL SYSTEMS

Tec Aero Devices is a Customized solution Provider & Leaders in Indigenization of Test Rigs - NSE, Electro-Mechanical Systems.

Tec Aero Devices "Aims to create technological and business advantages for our customers by Indigenization."



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## Centrifuge for PCB Varnish Coating

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Manufacture In: March,2015.

Customer : HAL , HYDERABAD

Description : This device is intended for centrifugal separation of printed circuit board by the method of rotation for the purpose of removal of excess varnish from the boards



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## Cerobend Melting Bath

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Manufacture In: October,2015.

Customer : HAL , KORAPUT.

Description : The bath is for melting of Cerobend alloy.



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## Slurry Tank

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Manufacture In: March,2015.

Customer : HAL , KORAPUT

Description : Slurry Tank is used for preparation of ceramic paint by mixing hydrolyzed ethyle silicate with refractory powder.



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## Black Body Thermo Regulator Recorder for OLS Main Stand

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Manufacture In: January, 2015.

Customer: HAL , KORWA

Description: The Control unit is being used for maintain the two set point temperature limits of Black Body controller in Main OLS Stand.





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## Test Rig PZP 67

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Manufacture In: April,2015.

Customer : HAL, HYDERABAD

Description : This Panel unit is meant for checking of secondary electric power supply Source IVE - 1 as per technical Specifications of the Electronic cards.



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## Test Rig PZP 952

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Manufacture In: April,2015.

Customer : HAL, HYDERABAD

Description : This Panel is meant for Checking of the System SAU-10M-03 as per Technical Specifications and Digital Computer VTS -6 as Per Technical Specifications of the Electronic cards.



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## DchV 2500 A (Tacho Generator)

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Manufacture In: January,2016.

Customer : HAL, KORAPUT

Description : The test setup for checking the functionality of Tacho - Generator (DchV 2500A) of Aero engine consists of the following two units. a. Test pannel b. Inductor unit



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## Pendulam Lapping Machine

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Manufacture In: August,2015.

Customer : HAL, KORWA

Description : Lapping machine consists of control system, Industrial PC with labview software. This is being used to perform precision lapping cycles of Titanium hinge for A310 Accelerometer production.





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## Chip Detector and to Air to Check of Ignition Device with Air (IU 583 III)

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Date of Manufacture: June, 2015.

customer: HAL , KORAPUT.

Description: This equipment is used for pneumatic testing of thermal chip detector at pressure  $3 \pm 0.5$  Kgf/cm<sup>2</sup> and flow check of ignition device at pressure  $8 \pm 0.2$  Kgf/cm<sup>2</sup>.



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## RIG for Testing of Air to Air Heat Exchanger with Air (IU 925 & IU 925-07)

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Date of Manufacture: June, 2015.

customer: HAL , KORAPUT.

Description: This equipment is used for leak test and functional test of individual valve and complete module of Air to air heat exchanger (BBT) of Aero engine.

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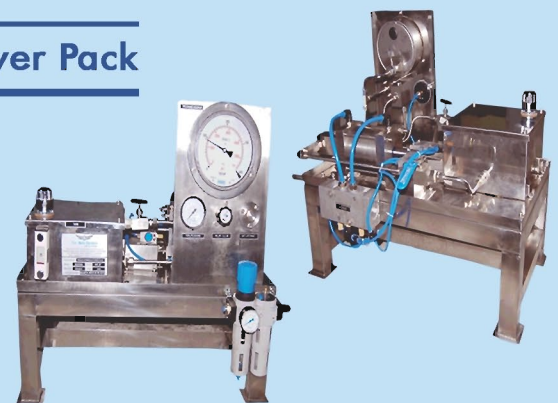
## Pneumatic Driven High Pressure Power Pack

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Manufacture In: February, 2015.

Customer : HAL, LUCKNOW

Description : Pneumatically driven high pressure power pack is a testing station to check the components for finding the withstanding ability at 400



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## Endurance RIG for Brakes

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Manufacture In: January, 2016.

Customer : HAL, LUCKNOW

Description : Test Rig is meant for cyclic Pressure testing of aircraft brake units at 500 bar Pressure.



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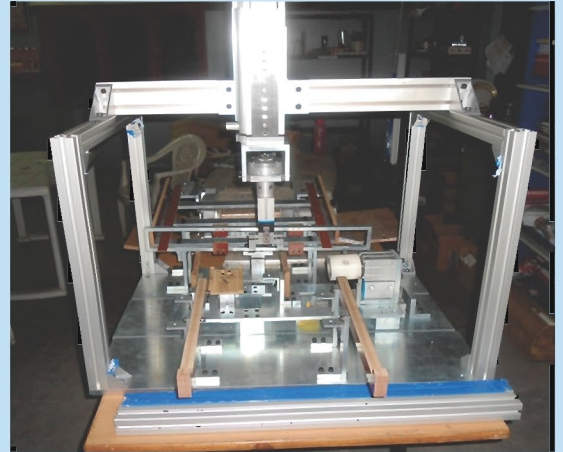
## Element Handling System

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**Manufacture In:** February, 2015

**Customer :** NFC, HYDERABAD

**Description :** Element handling machine consist of precision assemblies, guideways, pneumatic grippers to handle the Zirconium pipe assemblies handling.



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## SPM for Sealing fan Decorative Cover Fixing

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**Manufacture In:** October, 2014

**Customer :** Yash International.

**Description :** To fix the ABS Decorative Ring to the Bottom Cover by Heat sealing. To improve the Productivity and Quality.



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## Table Fan Motor and gear box Assembly Machine

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**Manufacture In:** April, 2015.

**Customer :** Yash Exports

**Description :** This is semi Automation Machine designed and Manufactured for uniform tightening of all the screws simultaneously to Assemble the Table fan motor and Gearbox Fixing. This will ensure the quality and productivity and reduction of manpower.





The team **Tec Aero Devices** consists of a team of technology professionals **Tec Aero Devices** with over 25 years of expertise in the design, manufacture and proving of Hydraulic, Pneumatic, Electro - Mechanical systems and Process automation work station on turnkey basis.

Our highly experienced Project and Design team work from the concept level to develop the systems in accordance with the customer specifications. Our Quality procedures are on a par with world class manufacturer helped us to produce the best quality Test Rig for HAL Divisions, NFC, TOSIBHA and Other esteemed Customers.

We have proven record of realization for the Indigenization of Russian and Western Rigs.

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## Contact Us:

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