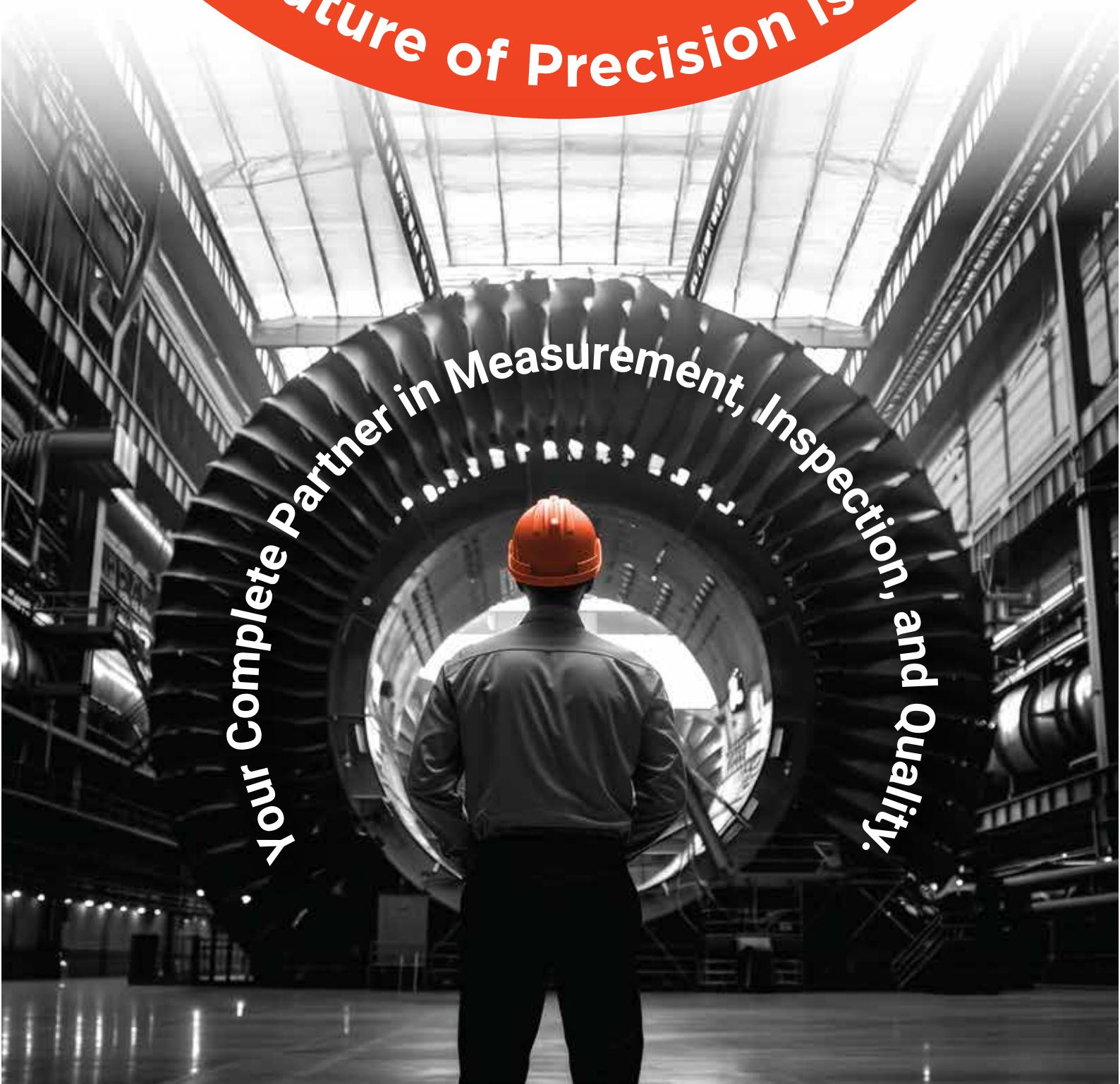




acro

The Future of Precision is Here

Your Complete Partner in Measurement, Inspection, and Quality.





From a Precise Start to a BOLD FUTURE

Who We Are

At **Acro**, we believe precision unlocks potential and performance powers progress. As the first in Gujarat to offer a complete suite of inspection, calibration, metrology, training, and consulting services under one roof, Acro is setting a new standard for precision in Indian manufacturing. We are a passionate team of engineers and innovators dedicated to strengthening the “**Make in India**” initiative by providing solutions that reduce rejections, improve quality, and empower our partners to become preferred vendors in a competitive global landscape.



Growth Mapping : A Timeline of Precision

Our Foundation

Acro Enterprise established, beginning our mission in precision.

Expanding Expertise

SMS Engineering founded, enhancing our technical capabilities.

A New Era Begins

Introducing **Acro Tech Centre Pvt. Ltd.** with a new brand and a bolder vision.

Phase I:

Gujarat Expansion
Building a network of advanced tech centres across the state.

Phase II:

Pan-India Leadership
Taking Acro's precision and expertise across the nation.

2013

2020

2025

2025 - 27

2028 - 30



acroTM
Tech centre

A new era for our brand with a bolder vision
to redefine the standards of
Excellence in Indian manufacturing



Our Guiding Philosophy



Our Vision

To be India's most trusted leader in precision measurement—building modern tech centres that empower engineers, create over 10,000 livelihoods and inspire pride in Indian manufacturing, making it respected across the world

Our Mission

To help manufacturers succeed at every stage. We provide expert services from reverse engineering for new product development to final inspection, ensuring our partners avoid rejection, deliver certified quality and become the most trusted choice for their customers.

The Values That Define Us: The DNA of Precision



acro

Precision

Consistency

Empowerment

Empathy

Trustworthy



Your Partner in Precision

"Your Partner in Precision" is more than a phrase—it's our promise. We don't just provide a service; we build a partnership. We work alongside you to solve problems, reduce rejection, and enhance quality. Our goal is to make you the most trusted and preferred choice for your customers, because your success is our success.





THE CORE OF OUR EXPERTISE INSPECTION SERVICES

If You Can Make It, We Can Measure It

From the smallest parts to the largest structures, our advanced Inspection Services guarantee your products meet the highest standards of quality. Our state-of-the-art 3D CMM Inspection facility is equipped to handle any challenge. Our largest machine, the only one of its kind in Gujarat, can measure big aerospace and automotive parts with unmatched accuracy. For maximum flexibility, our Portable CMM and Laser Trackers bring this precision directly to your factory floor.



Check all types of GD&T and Linear Dimension with

- Probing • Scanning • Heatmap • Create 3d model

Technical Specifications

• Model : CMM - Mega

Measuring range: 1200 x 2000 x 1000 mm
Accuracy: $\pm 2.2 + (L/350)$ μm

• Model : CMM - Spectra

Measuring range: 600 x 800 x 500 mm
Accuracy: $\pm 2.5 + (L/350)$ μm

• Model : Faro 3.5 m

7 Axis
Accuracy: 0.045mm (0.0018 inches)

• Model : Faro 2.5

7 Axis
Accuracy: 0.035mm (0.0008 inches)

Laser line Probe

Accuracy:
 $\pm 25 \mu\text{m}$ (± 0.001 in)
 $\pm 30 \mu\text{m}$ (± 0.0012 in)
Laser: Class 2
Weight: 485 g (1.1 lb)

Additional Information:

CMM - Mega : A variety of shanks are also available for PH10M PLUS and PH10T PLUS depending on your CMM. In order to select the correct PH10 PLUS kit for your machine refer to www.renishaw.com/PH10PLUS.

CMM - Spectra : PH20 can be fitted directly to the CMM quill. A wide range of shank adaptors is also available. The PH20 system utilises the Renishaw Universal CMM controller system, which provides functionality particular to 5-axis motion and head-touch measurement.

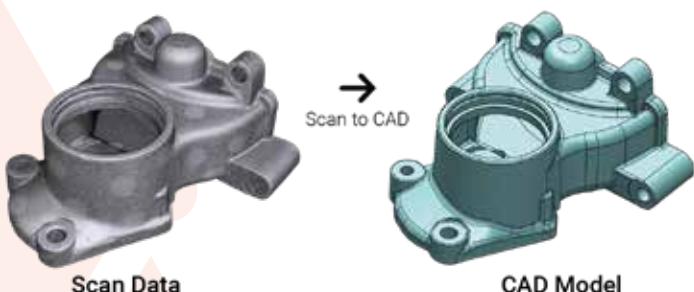
INNOVATION & REPLICATION

3D SCANNING & REVERSE ENGINEERING

Unlock Innovation. Recreate with Confidence.

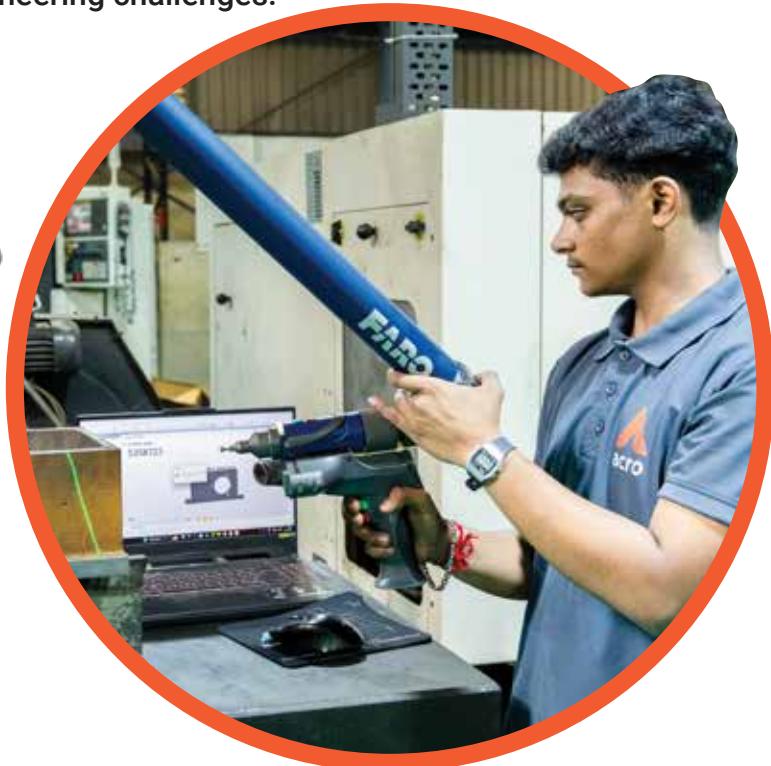
Need to develop a new product without original drawings
Want to analyze a complex imported machine part or design ?

Our 3D Scanning and Reverse Engineering services are the answer. We use advanced laser and blue light scanners to create perfect digital models of any part, helping you innovate faster and solve complex engineering challenges.



Advanced scanning solutions to analyze, replicate & improve precision parts:

- Reverse Engineering
- Heat Mapping
- 3D Laser Scanning & CAD Comparison



Calibration Lab (Launching soon)

in collaboration with  **MICRO·FLAT
DATUMS PVT. LTD.**

Dimensional | Electro-Technical | Thermal | Pressure | Torque | Thread Gauge Calibration



TECHNOLOGY IS ONLY AS GOOD AS THE PEOPLE WHO USE IT
THE RIGHT TOOLS & THE RIGHT TALENT

Workforce Enablement



acro
Tech centre

x

TATA IIS
Tata Indian Institute of Skills



Partnership



CMM & GD&T • Hands-On Upskilling • Corporate Programs

We don't just provide technology; we build skilled engineers. In partnership with leaders like **Tata IIS**, we offer certified training in CMM, GD&T, and more, empowering your team with the skills to excel.

Custom Engineering Solutions

Ballooning Software & Offline Programming Support

Inspection Automation • Custom Jigs & Fixtures



How Acro's Custom Solutions Help You Win

- Save Valuable Machine Time
- Boost Accuracy & Reduce Errors
- Solutions Designed For You
- Faster Inspections, Faster Growth



With our comprehensive solutions and unwavering support, we empower every engineer to become an **Acro Engineer**.

METROLOGY INSTRUMENTS SALES & RECONDITIONING



As trusted distributors of globally recognized brands, we provide a wide range of precision instruments – supported by reconditioning and repair services to extend their life. Reconditioning & Repair – Expert restoration of metrology instruments

● Dimensional Measuring Tools

(Calipers, Micrometers, Indicators, Depth & Bore Gauges)

● Height Measurement

(Height Gauges - Digital & Vernier)

● Optical Measuring Instruments

(Profile Projectors, Microscopes, Vision Systems)

● Surface Roughness Testers

(Portable and benchtop models.)

● Precision Levels & Squares

Ensure perfect alignment and squareness

● Hardness Testers

(Rockwell, Vickers, Brinell)

● Force & Torque Measurement

(Force Gauges, Torque Wrenches)

● Precision Reference Standards

(Gauge Blocks, Granite Surface Plates, Bench Centers)

● Data Management & SPC Tools

(Wireless Transmitters, Software)

● Environmental Measurement

(Monitor Temperature, humidity, light, sound.)



**MICRO-FLAT
DATUMS PVT. LTD.**



Engineering the Future of Indian Manufacturing

In the era of

Industries



Precision is the key to global success.
Acro Tech Centre is deeply committed to the make in India.



We provide the advanced technology, expert services and strategic partnership that Indian manufacturers need to enhance quality and build a self-reliant, world-class industrial ecosystem.

Partner with Us on Your Journey to Excellence.

Industries We Serve



Automotive



Metal Finishing



Accredited
Testing Labs



Electricals
& Electronics



Casting & Forging



Metal & Alloys



Educational
& Research Institute



Oil & Gas



Railways



EV Industries



Power Generation



Aerospace



Defence



Argo Industries



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