



MANLEO

The key factor for quality

OSM - 2 0

(OPTICAL SURFACE MEASUREMENT
PROBE)

Product catalogue



ABOUT US

Manleo Designs Pvt Ltd (MDPL) was founded in 2021, and is headquartered in Bangalore, India.

Our probes have multiple industry application within the manufacturing sector like Textiles, aerospace, Defense, pharma, Die & Molds, Steel, Medical equipment that require high precision.

MDPL is selling through online, distribution partners (including Manleo Designs) & offline channels Pan India with over 850+ customers

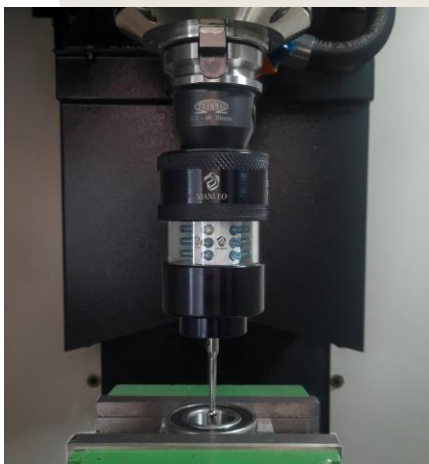
Our Mission

"We will build precision probes for the great magnitude. It will be durable enough to last decade, but easy enough for individuals to run and maintain it. It will be designed and constructed by the best materials, by the best engineers to be hired, after the simplest designs that modern engineering can devise. But it will be so affordable in price that no company owner making good machining will be unable to own one-and enjoy with his people on the shop floor the savings and blessings of hours of productive time and money for the greater good of manufacturing eco-system"



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Application	Job setting for VMC HMC machines	
Overtravel	15 degrees in X, Y side	4mm in Z+ direction
Dimensions	Height Width Depth	6Ø ball -50 mm Stylus 72Ø - 120 mm body + Shank Lengths
Weight	BT40 shank	2100 grams
Transmission type	Infrared 940nm	Modulated
Battery	2 X Lithium Ion 16350 rechargeable Battery	
Type	Touch trigger	Kinematic principle
Works on	Any surface	Or Conductive body
Stylus Range	Ø6mm Ball	50-100mm Length
Sense directions	X, Y, +Z axis	
Repeatability	<20 microns	
Contact trigger force	14N in Z	4N in X Y
Environment	IP rating	IP65(Designed)
	Operating temperature	+5 °C to +55 °C (+41 °F to +131 °F)



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CUSTOMER TESTIMONIALS

Manleo Probes has helped us deliver high accuracy & consistent quality at highly affordable investment and this is very important for us as we are in High Precision manufacturing.

Mr. Trupal Ramani, CEO, Pramukh Industries, Ahmedabad , Industry: Precision parts

Setting time has reduced a lot after using Manleo probes compared to Dials/ paper method. This is a investment I recommend to even small businesses.

Mr. Ankit Patel, CEO, Insignia CAD - CAM, Rajkot, Industry: Precision components

Rework & rejection has reduced using Manleo probes. This is a must to have for Die & Mould companies.

Mr. Atul Chadaniya, CEO, Vishal Technomation Pvt Ltd., Rajkot, Industry: Precision investment casting components

My operators are able to use Manleo Probes easily and as a business owner, I have confidence to give Probes as they are very rigid and durable.

Mr Ramanlal Mistry, CEO, SBM Engineering, Vadodara, Industry : Precision parts

Only one sentence, service and quality is good.

Mr. Jay N Champanerkar, Proprietor, Nitin Engineering

Compared to import options, Manleo Probes are highly affordable and deliver accuracy that matches world class products.

Mr. Jayesh Tajpara, CEO, Relife Ortho, Ahmedabad, Industry: Ortho Implants

Our productivity has increased manifold after we started using Manleo Probes.

Mr. Jagdish Luhar, CEO, Sushobhit Moulds, Ahmedabad, Industry: Die & Mould

Manleo team has a dedication to go out of their way to solve customer problems and provide solutions that work.

Mr. Shanti Prakash, CNC Dept., Leo Precision Products, Silvassa , Industry: Die & Mould

Manleo Probes has helped us save setting time significantly. Team is very approachable and available for any queries and support.

Mr. Parth, Plant head, Bhoomi Engineering

Manleo team's after sales support is very good. They helped with onsite training of our team, so that we are able to get best out of our investment.

Mr. Paras, CNC incharge, New Era Technologies, Industry: Die & Mould



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AceMicromatic[®]
Group



BFW

Galaxy

GLOBAL
CNC Automation



SPHOORTI
Precision Assured



san
ENGINEERING & LOCOMOTIVE CO. LTD.

KOSO

INDO-MIM
COMPLEXITY SIMPLIFIED

CONTACT US

WENDT



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OUR
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