

# TOOL MITRA TM-3015

Direct tool data  
transfer to fanuc CNC

## Tool Presetter



100+  
Machine Data  
Storage

100+  
Each Machine  
Component  
Data Storage

Wifi  
Enabled

Accuracy  
0.001mm

Automatic  
Report  
Generation



## TOOL MITRA TM 3015

### WHY GET A TOOL PRESETTER ?

#### LETS SAY YOU HAVE:

- 2 CNC Vertical Machining Centre
- 2-4 components settings per day approx. [Tools required to be changed daily=30 tool settings]
- Time study - 3mins approx. needed per toolholder setting

Rs. 350/hr – 3 x 6= Rs. 18; For 30 tools: 18 x 30 = Rs. 540 per day

Per month loss = Rs. 13,500 approx.

**Per Machine loss per month = Rs. 6,750 approx.**

Per year loss = Rs. 1,62,000 approx.

- **ROI in 2 years approx. (for 2 machines)**



**ANNUAL COST SAVINGS**  
**Per Machine = Rs. 81,000 approx.**

## PRESETTER ADVANTAGES

### PRACTICAL BENEFITS IN SHOPFLOOR:

- Measuring tools offline increases machine operation time.
- For smaller tools, measuring lengths and diameter is convenient.
- Efficiency can be scaled throughout the entire shop for both VMC'S and HMC'S.
- Tool Locking can be done at the same station thus saving shopfloor space and movement time.

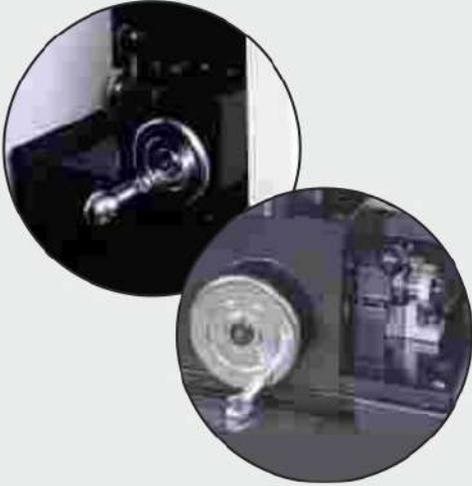
### PRECISE

- With 1 micron display resolution, length and diameter dimensions measured precisely.
- Preset tools allow for tooling consistency that results in improved repeatability.

### PRODUCTIVE

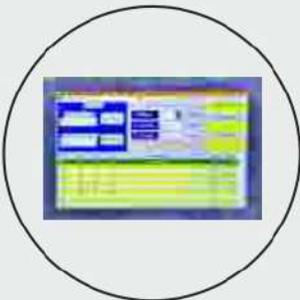
- Monitoring tool run out will help optimize cutter life and cutting capability.
- Increased Productivity by reducing tool setting time.
- Tool cutting edge can be inspected to avoid poor finish and material rejection.

## KEY FEATURES



**AXIS LOCKING:** An ergonomic locking handle allows for movement and the axis brake to be engaged with one hand, freeing up the other hand to manipulate a tool holder.

**BUDGET FRIENDLY:** Affordable pricing with efficiency enhancement features required for all VMC's and HMC's.



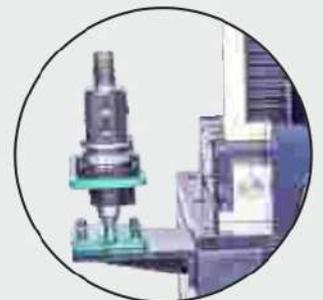
**MEMORY-SAVING CAPABILITY FOR TOOL PRESETTING:**

Tool offset memory for 100+ machines.  
For Each machine 100+ components tool offset memory saving capability.

**DISPLAY:** User-friendly display for easy operation.

**ATTACHED TOOL LOCKING FIXTURE:**

Equipped with tool-locking fixture to save time on movement and shopfloor space.



**Wifi Enabled**

## SPECIFICATIONS

Measuring Range	X-axis	0 - 150mm
	Z-axis	0 - 300mm
Spindle Taper	BT 30/ 40/ 50, HSK 32/40/50/63/80/100	
Spindle Accuracy		0.002mm
Digital Resolution	X-axis	0.001mm
	Z-axis	0.001mm
Checker Dial	X-axis	0.001mm
	Z-axis	0.001mm
Tool Clamp	Toggle Clamp	
Power	AC 220V	
Weight	140 kgs	
Machine Dimension	Lx B x H	890mm x 640mmx 1740mm

### Manufactured By



#### Skanda Manufacturing Systems Pvt Ltd

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Peenya Industrial Area,

Bangalore -560056

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### Skanda mfg systems pvt ltd

Manufacturers of

- + standard and special boring tools
- + Rough & fine boring tools
- + Special padded reamers
- + PCD tools reamers
- + Work holding devices and HSK A & C 32 / 40 / 50 / 63 / 100 Tool holders
- + Setting fixtures
- + Modular holder
- + Run out compensation Holder.