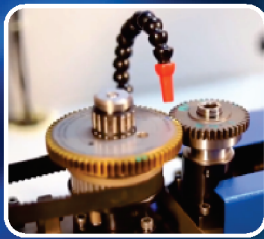


Gear Rolling Automation

Get accurate quantified & flexible in-process rolling OR double the throughput for final rolling inspection with 50% savings in manpower costs

Watch video
for in-process



For all gear manufacturers, RollSmart is the only In-process Roll tester that leaves no option for the operator but to inspect at desired frequency, monitor multiple hobbing/grinding machines for performance, and record the trend of TCE at just 8 paisa per gear !!



Warning Pop up when the process is using wide tolerance band

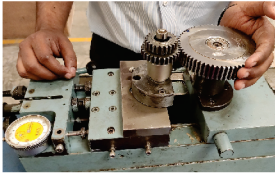
Ensure maximum life of master

Pop up of Abnormal fluctuations in DFCE by 20 μ (settable)

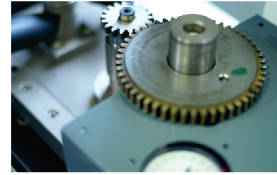
Real time process trend plotted

Data of number of missed inspections

Manual Roll Tester



RollSmart - Inprocess



Impossible to calculate TTE

VS

Quantified TTC, TTE readings!

Skilled operator required

VS

Rolling skills not required
– Auto rolling!

Human dependent decision

VS

Ok/ Not Ok decided by RollSmart!

Cumbersome setting

VS

Setting time- within a minute!

No assurance of inspection frequency being followed

VS

Missed opportunities recorded and data ready for analysis!

Inspection data not recorded for CpCpk

VS

Auto recording of inspection data, thus easy CpCpk!

Difficult to monitor process trend

VS

Real Time process trend available on the screen!

	RollSmart 25	RollSmart 70
Parameters	TTE (Fi), TCE (Fi)	TTE (Fi), TCE (Fi)
Gear CD range	45 mm to 120 mm	90 mm to 160 mm
Length of shaft	Up to 250 mm	Up to 350 mm
Gear OD(for shaft)	10 mm to 85 mm	10 mm to 125 mm
Repeatability	$\pm 3\mu$	$\pm 3\mu$
Setting time	Within 1 min	Within 1 min

Optional Accessories - Between centre mechanism for checking shaft type gears, arbors for masters, locator pins for different gears.

Different model of RollSmart available for final inspection!

50% Manpower saving in final inspection



Simultaneous gear rolling inspection on 2 RollSmart by 1 person

CalibroMeasure
Equipments Pvt Ltd
No.1 in Gear Inspection Automation

CNCsize
A new revolution in quality inspections

GearMate
For drastic manpower reduction in final inspection

MeasureMate
Most flexible and advanced multi-gauging solution platform

G-39/7/2, MIDC, Waluj, Aurangabad, Mah, India

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