

RubyMetrology
INNOVATION CONTINUES...



Quick Check

★ International Patent Filed in 45 Leading Countries



World's First Single Piece Multi-Function Check Standard for Calibration or Verification of Various Measuring Instruments just in few seconds at workplace to minimize measurement error and to reduce rework, rejection & wastage in supply chain

Good product quality means... An unbroken chain of thousands quality steps till it reaches to its ultimate user

GENERAL CONCEPTS & ASSOCIATE PROBLEMS WITH MEASURING INSTRUMENTS

Product quality not only depends on the sophisticated machines & measuring instruments from a reputed brand but also depends upon their proper handling, storage, routine calibration and maintenance etc. Further we know measuring instruments are backbone of any manufacturing setup & as per inspection results people set their machine parameters and incorrect measurements results in improper machine setting, rework, rejection or unexpected quality issues. Furthermore any measuring instrument can do malfunctioning any time without warning apart from their routine wear and tear due to various reasons.

For this it is very essential to check every measuring instrument with less interval or prior to use but practically it's not so easy like in case of external calibration facility collect the instruments from shop floor, send them to appropriate calibration laboratory, issue alternative instruments, get back after calibration, compare old and new results, compensate those result values with instrument readings, communicate

those changes to user etc. or alternatively maintain good in-house calibration laboratory with so many calibration standards, controlled environment, skilled people etc. but up to some extent activities will be almost same as they were in case of external calibration facility.

If we analyze precisely both the above calibration facility involved physical movement of the instruments, paper work, communications & co-ordination of different people, inventory of instruments etc. but sometimes it causes inconvenience to user like late delivery of instruments, damages during transportation, human error in calibration, wrong interpretation & communication of calibration results etc. These circumstances may convert this important exercise into wastage of time, money and other resources. Besides doing all this work no calibration facility can give you the assurance of adequate working of your instruments till the next calibration will be performed.



Can we reduce?

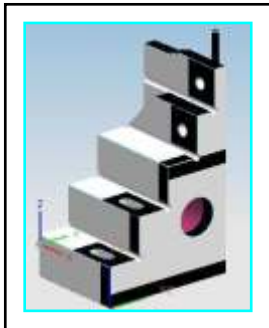
- ? Physical movements of instruments, people and paper work
- ? Inspection failure, rework, rejection and unwanted scrap
- ? Dependency, delays and wrong interpretation of calibration results
- ? Calibration cost, instrument inventory cost and capital investments
- ? Measurement uncertainty, bias and linearity error, Gauge R&R %age

Can we improve?

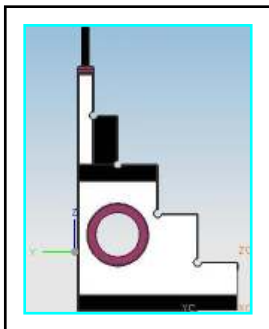
- ? Accuracy and precision of measurement process with self certification
- ? Subject knowledge, awareness and confidence level of users
- ? Working life and all time availability of measuring instruments
- ? Inspection quality, consistency and reliability of measurement process
- ? Efficiency, stability and repeatability of measuring instruments

We do lots of activities in routine without knowing their cost & outcome. Are all of them really required...? Can we find some other optimize way.....

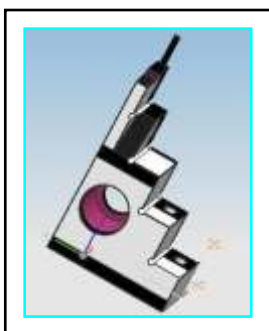
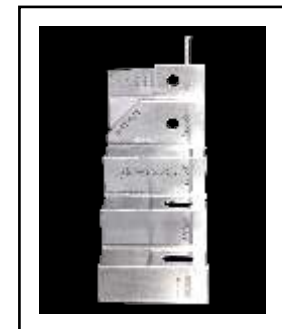
We can reduce lots of futile activities by introducing Quick Check at workplace the most easiest, cost effective way to monitor & predict measuring instruments performance



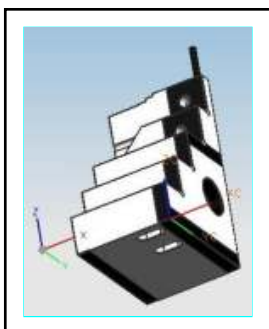
Quick Check works as a master gauge to calibrate or verify various measuring instruments daily or prior to use at workplace like Vernier Calipers, Micrometers, Depth Micrometers, Height Gauges, Depth Gauges, Bore Gauges, Internal Calipers, External Calipers, Micrometer Heads, Dial Gauges, Bevel Protractors, Try Square, V-Block, Electronic Probes and Combination Sets etc. Apart from that Quick check can verify instruments with different ranges, least counts, makes, models and types as available worldwide.



Salient features of the Quick Check are... Compact design, multi-function, multi-dimension, precise, all sides usable, simple, easy to use & no attachment or loosen accessories because it is very difficult to maintain master instruments with accessories at workplace area and sometimes improper selection & fitment of loosen parts incurred error in inspection process like slip gauges. Quick Check does not require special skills to handle any person with some basic knowledge of inspection & measurement can use it easily.



With respect to its construction & shape every contour, bore, slots, angle, pin, steps & relief have its own strong technical or functional reason and are arranged so beautifully to cater maximum instruments varieties. It covers parameters like length, dia, angle, depth, straightness, perpendicularity etc. Further related dimensions are laser marked at various places which makes Quick Check just plug and play device.



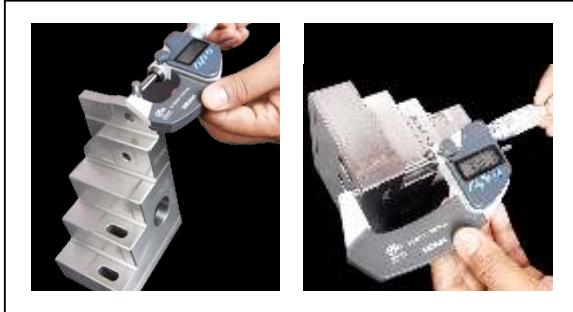
Due to its compactness & versatility it can be very useful for almost all type of manufacturing industries like Automobile, Aerospace, Railways, Shipping, Defence, Consumer Goods, Electrical, Electronics, Tool Rooms, Power Plants, Rubber, Plastic, Sheet Metal, Casting, Forging etc. In other way we can say Quick Check may be an integral part of any inspection process to improve overall accuracy, precision, stability, consistency and reliability of measurement system.



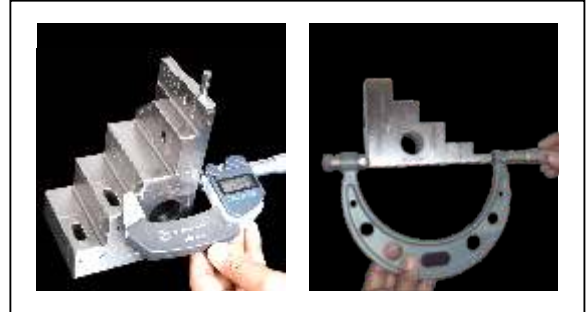
Quick Check feels like a component and users can train themselves practically for accurate inspection on various shapes, sizes & parameters with variety of Instruments

Quick Check can verify various measuring instruments with different ranges, least counts, models & types made by world's renowned manufacturers just in few seconds

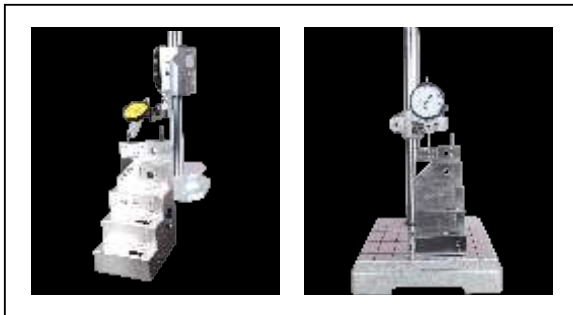
Applications of Quick Check



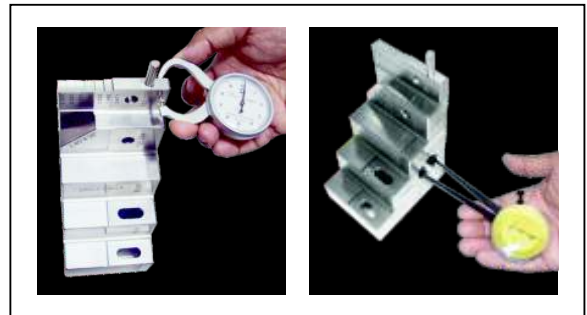
Small Outside Micrometers



Big Outside Micrometers



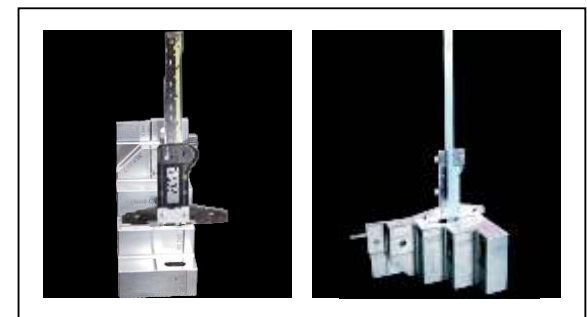
Lever & Plunger Dial Gauges



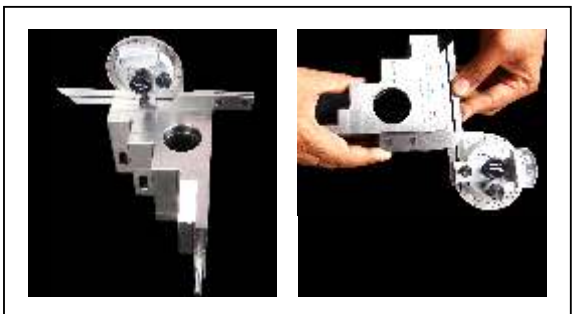
Outside & Inside Calipers



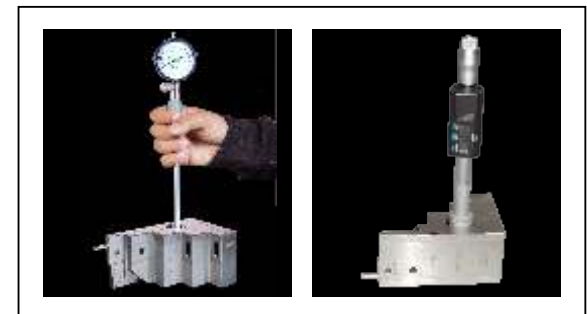
Height Gauges



Vernier Depth Gauges



Bevel Protractors

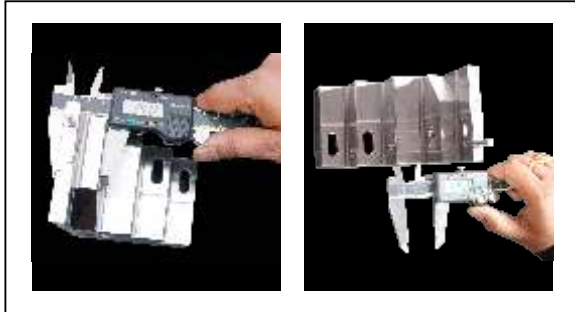


Bore Gauges

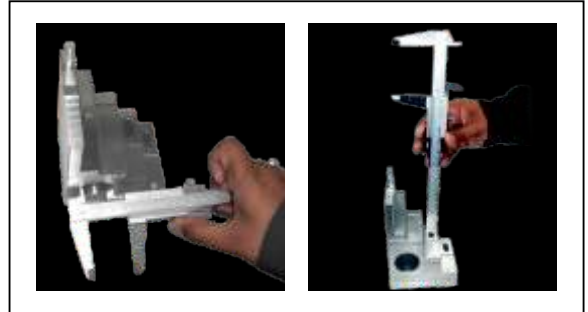
Quick Check... A versatile standard to estimate bias, linearity, stability of various measuring instruments & to improve Gauge Repeatability & Reproducibility

Quick Check... An innovation for measurement reliability with wide range of applications can take your quality in to next level, ordinary to extraordinary...

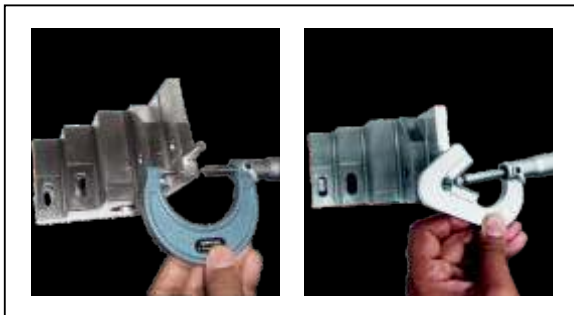
Applications of Quick Check



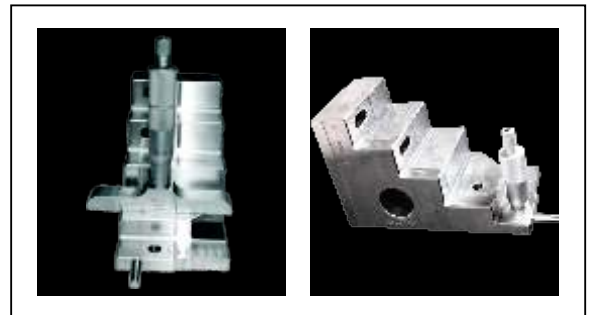
Digital Calipers



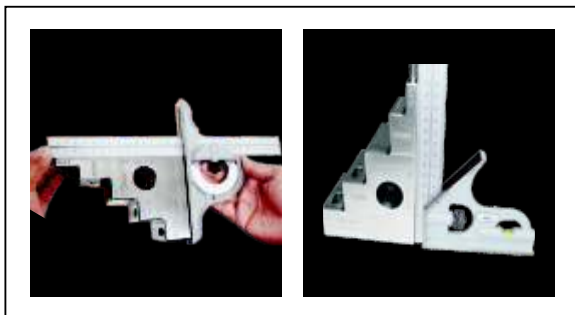
Vernier Calipers



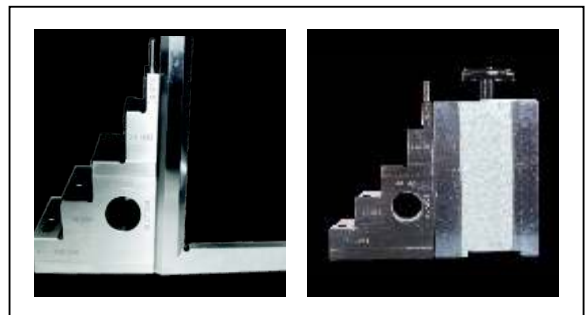
Point & Flute Micrometers



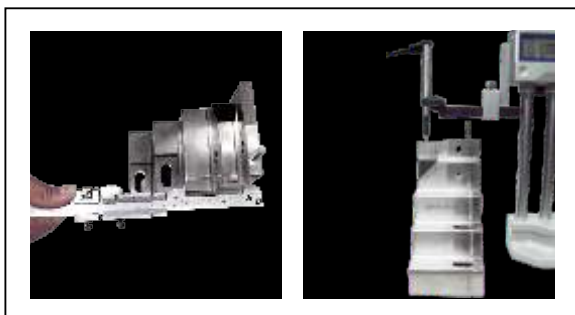
Depth Micrometer & Micrometer Heads



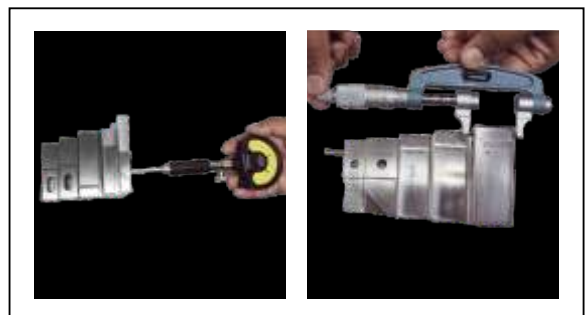
Combination Sets



Try Square & V Blocks



Quick Check with Different Types of Instruments & you can add many more...



Quick Check not only builds your confidence, it helps you to achieve higher Productivity goals to retain your valuable customer in this competitive world.

*Comply with: ISO:9000, QS:9000, ISO-TS:16949... Achieve : TQM, TPM, Six Sigma,
Implement : Lean, MSA Practices ... Win : Ford Q1, Deming prize...
Increase : Quality, Productivity & Profits... "Quick Check" One Solution for All...*

Quick Check : A World of Unlimited Opportunities Exports to Various Countries around the Globe



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