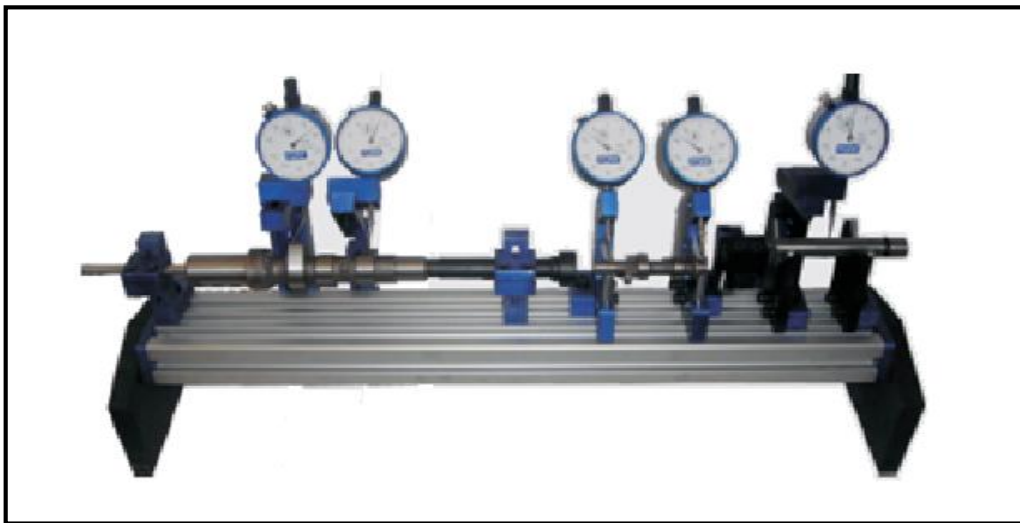


INSTRUCTION MANUAL FOR PERFORMANCE GAUGE (502-001)

➤ PERFORMANCE GAUGE

- This instrument is ideal for a mass production set up or serial parts where a number of dimensions of a part have to be checking in less than a minute. Depending on the complexity and availability master setting



- To check in your setting made yourself any fixture like diameter run out, between centers run out total length, step length, step diameter





FORK MEASURING COMPANY
Vavdi Sr.No. 17, Plot No 55B, Rani Industrial Estate
Gondal Road, Rajkot-360002

INSTRUCTION MANUAL FOR PERFORMANCE GAUGE (502-001)

- This instrument offered with or without dial indicator, probe and display unit also possibility computer connectivity.
- Fixture can be manufactured in two different styles. In the first type, loading and measuring stations are same. As soon as a shaft is loaded, because of different gauging elements which are in touch with different diameters/faces, values of required parameters are indicated on the electronic readouts In the second type, a shaft is loaded at one station and the entire platform which is supported on linear bearings is pushed to the gauging station. At the gauging station, different gauging members are exposed to a shaft and measurement of different parameters is done. If a shaft is slowly rotated by hand, concentricity / run out between different steps

➤ **Specification**

- Fork executed many projects for multi parameters checking of variety of components.
- Fork developed one of the most advance interface unit, which can be used with specifically designed suitable for all kinds of parts.
- parts are typically inspected are:
 - ✓ Crankshafts
 - ✓ Camshafts
 - ✓ Gear shafts
 - ✓ Rotors
 - ✓ Axle shafts
- The performance gauges are manufactured upon request for dimensional and geometric inspection of parts of different type's parts.
Inspection possibilities include:
 - ✓ Outside diameter
 - ✓ Straightness and Barrel shape of main bearings
 - ✓ Stroke / index
 - ✓ Ovality / Taper
 - ✓ Concentricity
 - ✓ TIR
 - ✓ Distance
 - ✓ Cam base Circle and Cam lift
 - ✓ Perpendicularity of Shoulders
 - ✓ Angular phase of Bores and Key-way Seats

INSTRUCTION MANUAL FOR PERFORMANCE GAUGE (502-001)

- **SIMPLE AND UNIVARSAL**
Developed using easy to replace modular components for dimensional and geometric
- **USER FRIEDLY**
Easy to integrate into different phases of the manufacturing process
- **FUNCTIONAL**
Designed specifically for the part measured witch optimizes space used along production line
- **RELIABLE**
Sturdy, able to guarantee accuracy and repeatability under shop floor conditions
- **APPLICATION RANGE**
Maximum Part Mass: - 50 Kg
Measurable outside diameter: - from 10 to 160 mm
Maximum part swing diameter: - 200 mm
Part length: - from 100 to 900 mm
Bench length: - form 320 to 1400 mm

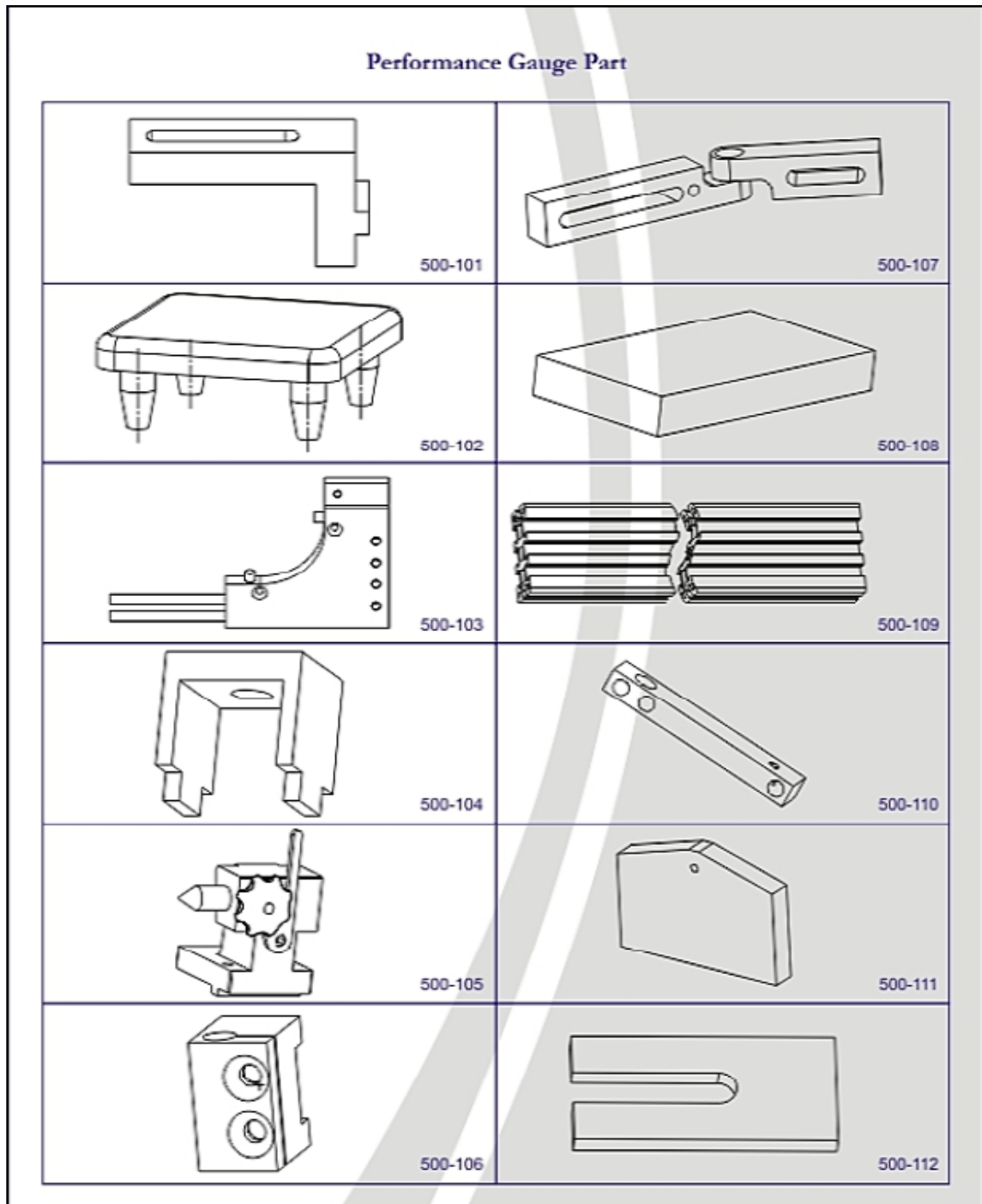
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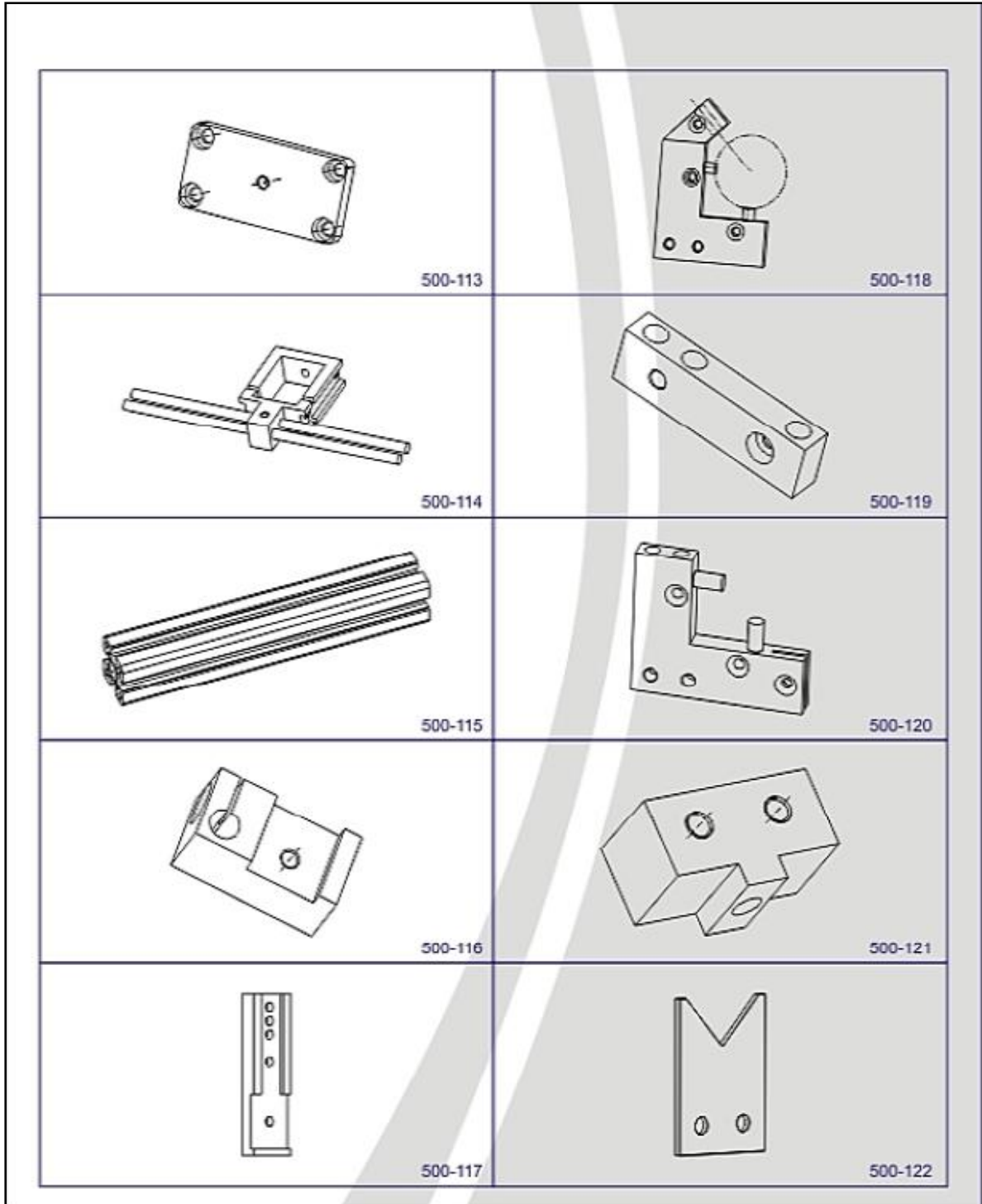


INSTRUCTION MANUAL FOR PERFORMANCE GAUGE (502-001)

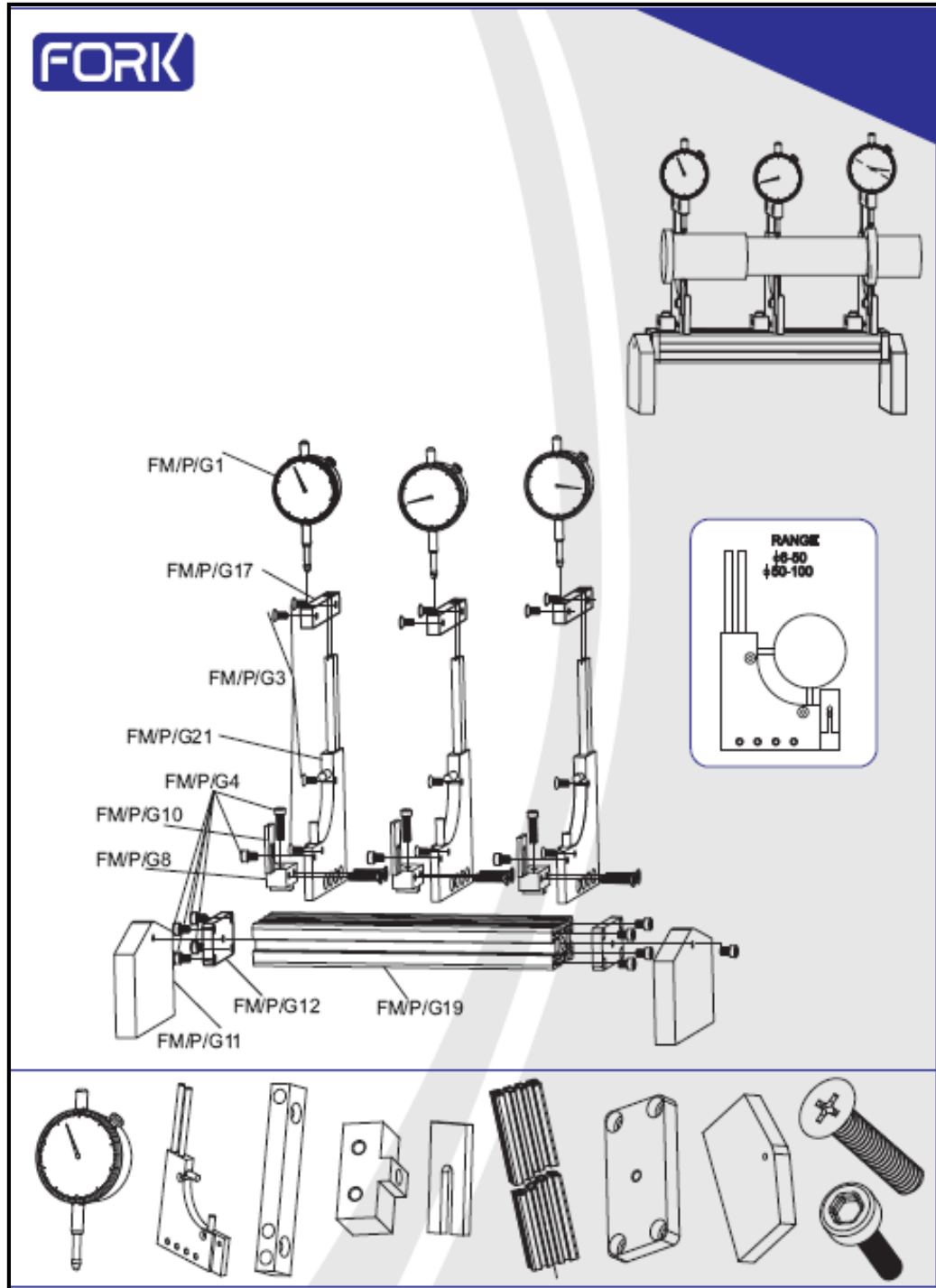
➤ Performance Gauge Parts



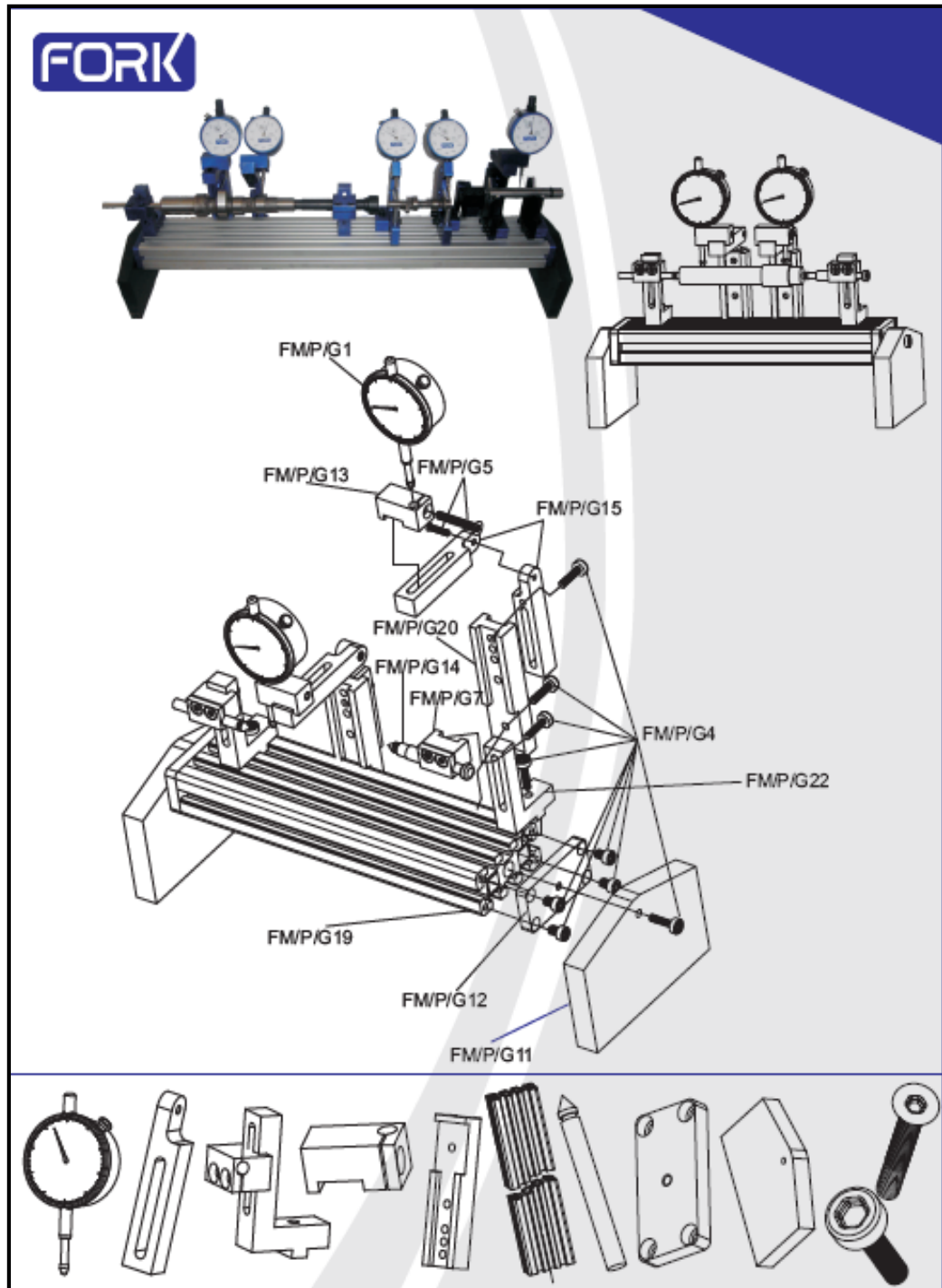
INSTRUCTION MANUAL FOR PERFORMANCE GAUGE (502-001)



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