Universal 2D measuring system (PTP)

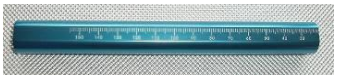
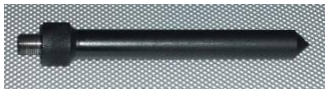
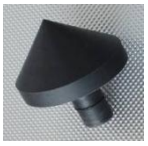
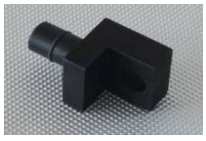
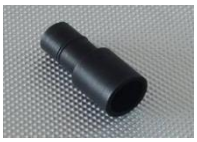
1. Production overview

UNILINER High Precision Measuring System is designed and manufactured to improve detect measure precision and advance convenience in the accident vehicles repair. It solved the problem of the big measure accumulated error, data conversion, complicated process, bulky and heavy measure equipment, can not do for oneself and the limited range of the vehicle body parameter. **UNILINER** High Precision Measuring System is aluminum retractable measure equipment, its advantage is high precision, easy operation, three - dimensional measurements with switch connector, flexibility of site and equipment and so on. Furthermore it can match with database which is provided by other maintenance and service station. All this make your measure and detect job quite comfortable and natural along the sheet metal maintenance and make the vehicle body evaluation is evidence-based.

Measurement range:

X-axis 200mm～2250mm
Y-axis 20mm～150mm(or 340mm)
Z-axis 20mm～150mm(or 340mm)
Measurement Error is less than 1mm

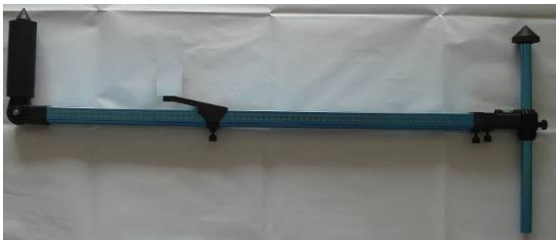
2. Production configuration

NO.	graphic representation	Specification	Qty
1		Main scale	1
2		20mm～150mm Scale	1
3		20mm～340mmScale	1
4		Screw thread probe	1
5		Magnetic probe	1
6		Magnetic probe lengthen base	1
7		Three dimensional adapter	1
8		Big location probe	1
9		Portrait location probe	1
10		Small location probe	1
11		Screw cap probe	1

3. Operation manual

1) 200mm～ 910mm

The numerical value read from left of the screw thread probe base is: The distance from the



screw thread probe to scale end probe. (Remark: The bubble of level meter should be in the central position; the measure main scale's middle tube and small tube is beside the right side of big tube, as above pictures)

2) 910mm～1590mm

Put the magnetic probe on one end of the production, loose the fasten bolt and move the central tube inside the measure main scale, the numerical value on the right side of main scale big tube is the distance from magnetic probe to the scale bottom probe. (Remark: The small tube should be on the right end and beside the middle tube, as pictures. The magnetic rotation head is perpendicular to the main scale.)

3)1590mm～2250mm

Put the magnetic probe on the one end of the production, loose the fasten bolt and move the central tube inside the measure main scale, when the central tube strengthens to the end, the location pin will be released, then draw out the small tube measure meter from the main scale. The numerical value on the right side of main scale central tube is the distance from the magnetic probe to the end of scale end probe.(Remark: After the central tube location pin is drawn out the measure meter is permitted to use, otherwise the numerical value on the right side of small tube is not the real distance. As the pictures.