

Applied-fields:

Digital readout DP100 & DP300 is a mature product designed for the 2D measurement field, it is applicable with the optical measuring instruments, such as profile projector, video measuring system, toolmaker microscope and other vision measuring System. It is especially used with profile projector, and it can measure complicated geometry graph. Measurement includes workpiece skew, establishment of coordinates system, and so on.





Digital Readout DP100

Digital Readout DP300


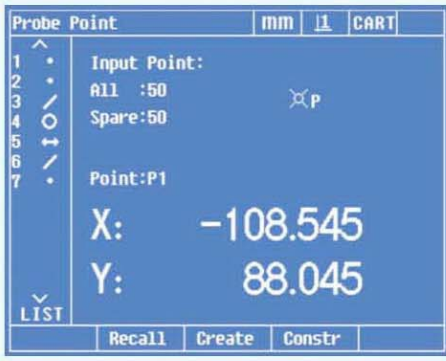

Main Function:

- Measurement of point, line, circle, angle, distance, rectangle and screw thread, preset and constructure, the sampling points up to 50;
- Coordinate skew and movement, it is more convenient that the operator can skew position of workpieces for measuring, which reduce adjust time obviously;
- Clearance function can delete list, adjustment, and all;
- Opposite direction counting function, according to user's requirement;
- Half function, rapidly determine to display 1/2 value, and confirm midpoint of section;
- Permission function: Advanced setup can be done after right password input.
- Call function: input record ID to use existing element;
- Communication port of foot-switch or REINSHAW probe available;
- Printing: print graphic elements and 3-axis displaying value;
- RS232 output function: convey current position of linear scale to PC;
- Multi-display, separately display polar coordinates and cartesian coordinates, and can display millimeter and inch value, and can shift it;
- Linear compensation and section compensation available;
- Z-axis can connect linear scale and rotate encoder;
- Save 100 permanent graphic elements.

Difference between DP100 and DP300

Items	DP100	DP300
Appearance	 <p>DP100 equips with two LCD, the small one is 256x32 lattice single color LCD, it is used to display some simple text data. The big one is Segment-Code LCD, it is used to display "Segment-Code" number, coordinate and other information. From the side, you can see the lattice single color LCD is higher than panel.</p>	 <p>DP300 equips with a 320x240 lattice single color LCD, it can display more text data and graph than DP100, and the help reminder is more directly and easily to understand and operate. From the side, you can obviously see the difference between DP100 and Dp300.</p>
Edge detecting function	Without edge detecting function	Support edge detector SED300

Difference between DP100 and DP300

Items	DP100	DP300
Key	<div style="display: flex; justify-content: space-around; margin-bottom: 10px;"> Setup Preset Construct Program Delete </div> <p>The functions of five keys silkscreen are different with opposite five keys of DP300</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin-right: 5px;">More</div> <p>Key is different with DP300 silkscreen</p> </div> <p>Except the above difference, the others silkscreen, shape and layout are the same.</p>	<div style="display: flex; justify-content: space-around; margin-bottom: 10px;"> F1 F2 F3 F4 F5 </div> <p>The functions of five keys silkscreen are different with opposite five keys of Dp100</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center; margin-right: 5px;">Menu</div> <p>Key is different with DP100 silkscreen</p> </div>
Display	 <p>Example: Point Measurement From the above picture we get to know:lattice single color LCD display prompt message. Segment-Code LCD displays coordinate information. Prompt message and coordinate information is displayed in separately LCD.From the display content, Both DP100 and DP300 can display definite information, as "Measuring Type", "Points Number", "Unit", but DP300 is more visually.</p>	 <p>Example: Point Measurement From the above picture we get to know: Prompt message and coordinate information is displayed in one LCD.</p>
Display more information	<p>DP100 use Segment-Code LCD display data, for each screen can display three lines, if more information, please press page turning key.</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid gray; padding: 2px; margin-right: 5px;">View</div> <div style="border: 1px solid gray; padding: 2px; font-size: 0.8em;">065: CIRCLE [Created] X₀:x-axis Y₀:y-axis Z₀:r</div> </div> <p>Press More to see more information:</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid gray; padding: 2px; margin-right: 5px;">View</div> <div style="border: 1px solid gray; padding: 2px; font-size: 0.8em;">065: CIRCLE [Created] X₀:D Y₀:F2</div> </div> <p>All the information are displayed in Segment-Code LCD</p> 	<p>In DP300, all the information is displayed in one LCD, and can generate a reference picture, By comparison with DP100. The display is more friendly and comfortable.</p> 