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ACCULINE - PORTABLE LINE WIDTH & SPACING MEASUREMENT SYSTEM

Polar Instruments Asia Pac in collaboration with Ihara Electronics, Japan presents ACCULINE a truly portable, light weight, battery operated, digital line width and spacing measurement system. ACCULINE's built-in color LCD display allows operators to make quick, accurate and repeatable measurements for top and bottom line width and spacing for fine line single ended and differential controlled impedance traces.

HIGH PERFORMANCE & RELIABILITY

The advanced microcomputer technology and color LCD image sensor are utilized to ensure superior performance and measurement reliability.

REDUCE TIME AND INCREASED ACCURACY

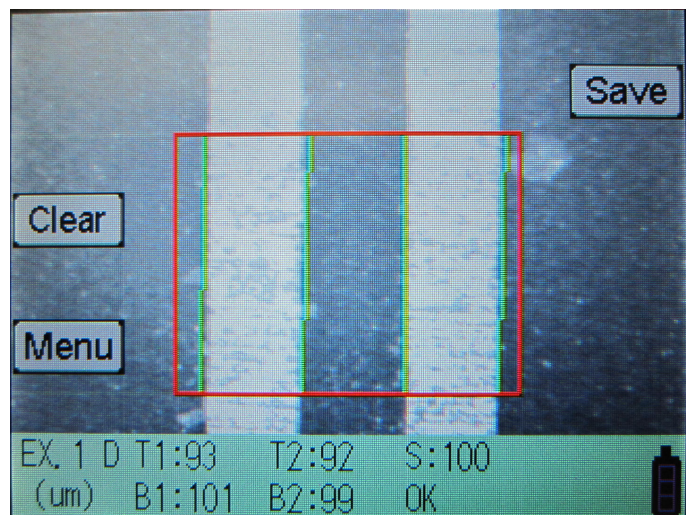
Operators rely on their skills to make measurements using microscopes and this can result in different results for different operators. ACCULINE's automated measurement algorithm provides accurate and repeatable results. Manual measurements feature available.

EASY TO USE

ACCULINE is a battery operated unit offering a truly portable unit that makes the instrument easy to operate at any location including dark rooms with low lighting. Pass / Fail results and measured width and spacing data is displayed to ensure good quality control.

LARGE COLOR LCD DISPLAY

The large color LCD displays real line images that can be transferred to a PC on USB port for further analysis and reporting. ACCULINE's LCD panel enables operator to inspect and identify manufacturing defects such as scratches and other imperfections.



For more details:

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ACCULINE Specifications

- MEASUREMENT FUNCTIONS
 - Line Width and Interline Space
- LIGHT SOURCE
 - White LED
- TARGET SIZE
 - Approx. ϕ 1.0 mm (1,000 μ)
- REPEATABILITY
 - +/- 1 micron (*1)
- MEASUREMENT TIME
 - Approx. 2 sec / measurement
- DATA STORAGE
 - 20 Captured Images and 200 Measuring Data
- DISPLAY
 - 320 x 240 Color LCD (262,144 color)
- POWER SUPPLY
 - Li-ion Battery
- MEASUREMENTS PER CHARGE
 - 2,000 times (*1)
- COMPUTER OUTPUT
 - USB
- MINIMUM PC SPECIFICATIONS
 - CPU: Pentium II, 300MHz, Memory 64MB RAM
 - OPERATION SYSTEM
 - Windows 2000, XP
- DIMENSIONS / WEIGHT
 - 200(L) x 93(D) x 73mm(H), Approx. 500g
- POWER CHARGER
 - AC 100 ~ 220V, 50 ~ 60Hz

*1 - Based on tests conducted in laboratory.

Polar follows a policy of continuous improvements, specifications and design are subject to change without prior notice

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