

YVi-DTL / YVi-DT

- Inspecting by 3-step dome lighting.
- Inspecting in Z direction by LASER.



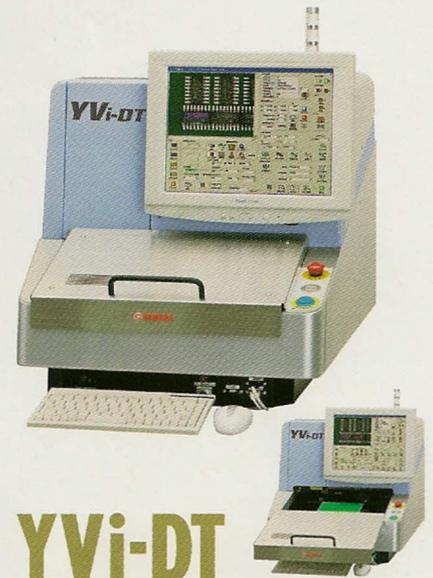
● Laser sensor

- VADMIC which makes the easy test program quickly for small lot product.
- Dual monitor which can check PCB visually just before inspection during inspecting other PCB (option).
- Mounter, printer off-line linked : Multi functions such as quick conversion from the mounter data, NG marking, image storing, QA option and QA tracing.



YVi-DTL

L size PCB applicable sharp angle LASER model



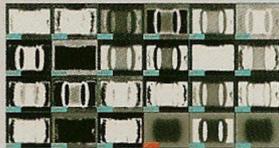
YVi-DT

M size PCB applicable 40 degree LASER model

Note : The photo shows the state with various options installed.

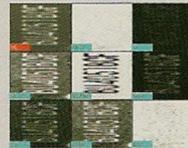
Visible rays

- General test to check presence/absence of components, bridge, deviation, etc.



Character recognition

- Robust character recognition function capable of reading even when grazed characters are mixed.



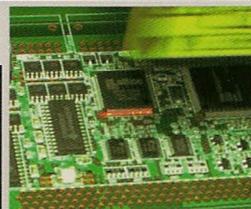
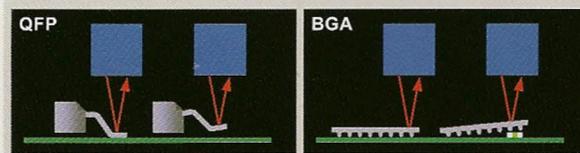
Infrared

- Test using penetrating near infrared without shining of flux.

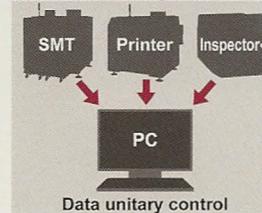


LASER (=Z direction test)(Optional)

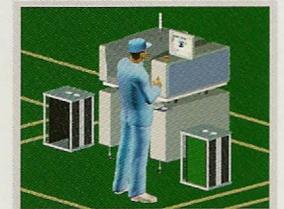
- Floating test of BGA, chip, lead.
- Testing engagement height of dip product as well.



Data unitary control



Off-line Desk top batch inspection



YVi-DTL / YVi-DT specifications

	YVi-DTL (Model : LE1-610)	YVi-DT (Model : LE1-110)
Applicable PCB	L510 x W410mm to L50 x W50mm	L330 x W300mm to L50 x W50mm <Note 1>
Test speed	65msec/cm ² (Equivalent to about 15 seconds for □150mm area) : Under single lighting, optimum condition	150msec/cm ² (Equivalent to about 34 seconds for □150mm area) : Under single lighting, optimum condition
Test resolution	LASER (XY direction) 1μm, LASER (Z direction) 10μm, Visible rays 19μm, Infrared 19μm	LASER (XY direction) 1μm, LASER (Z direction) 10μm, Visible rays 20μm, Infrared 20μm
Test item (Post-reflow)	Position error, missing item, polarity, different item, angle deviation, standing, top/bottom, bent lead, bridge, character recognition(standard), floating chip, floating lead (LASER), foreign object, solder ball of component, fillet (under YAMAHA condition)	
Power supply	Single-phase AC200 to 230V +/-10% 50/60Hz	
External dimension <Note 2>	L960 x W967 x H519mm (cover top) (Except exclusive wagon)	L575 x W825 x H561mm (cover top)
Weight	Approx. 133kg	Approx. 62kg

<Note 1> Variable depending on installation of optional unit.
 <Note 2> This dimension does not include the projection.