



Determine limits of damage!

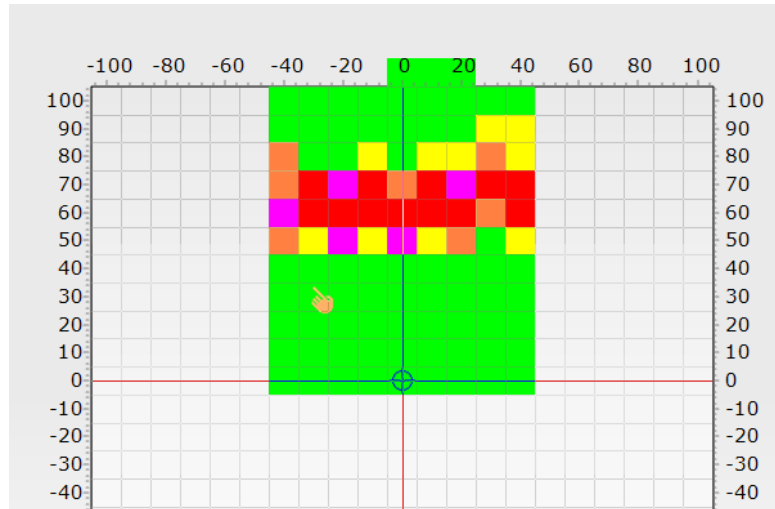


22/06/2022





- Automated Tap Tester using piezo electric analysis to display ms (milli second) response time
- Piezo sensor used to capture responses from solenoid driven tapping device
- Software allows point measurements to be compared
- Optional XY plotter for probe tracking and visualisation software





Features:

- Automated tap tester with a clear quantitative, objective numeric readout
- Clear: go / no go results
- Lightweight & easy to operate
- Includes: remote probe & function test kit
- Operates on wood & foam, rough or smooth surface finishes
- PC connectivity with optional XY plotter
- For skin thicknesses of up to 5mm thick



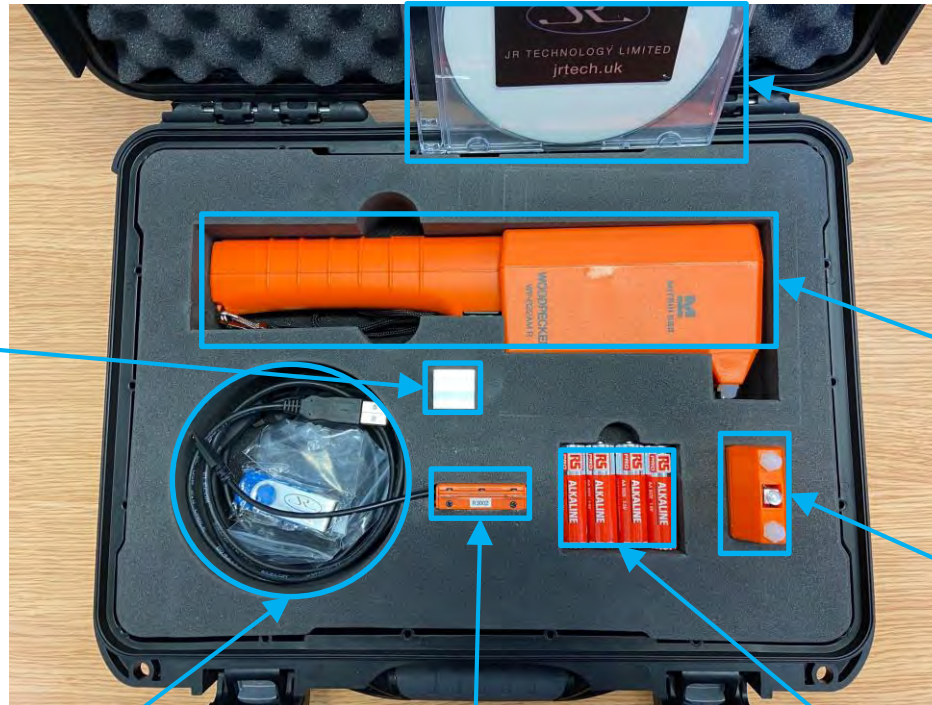


Applications:

- Inspection of bonded structure & monolithic components
- Quality control & in life NDT
- Detection of inserts & changes in structure to include: impact, crushed core, delamination, uncured resin
- Determine the limits of damage



WHAT'S IN THE BOX?



2 x CD's with software

Woodpecker WP-632AM-R Handpiece

WP-632AM-R Remote Probe

Test block

Cables & replacement parts

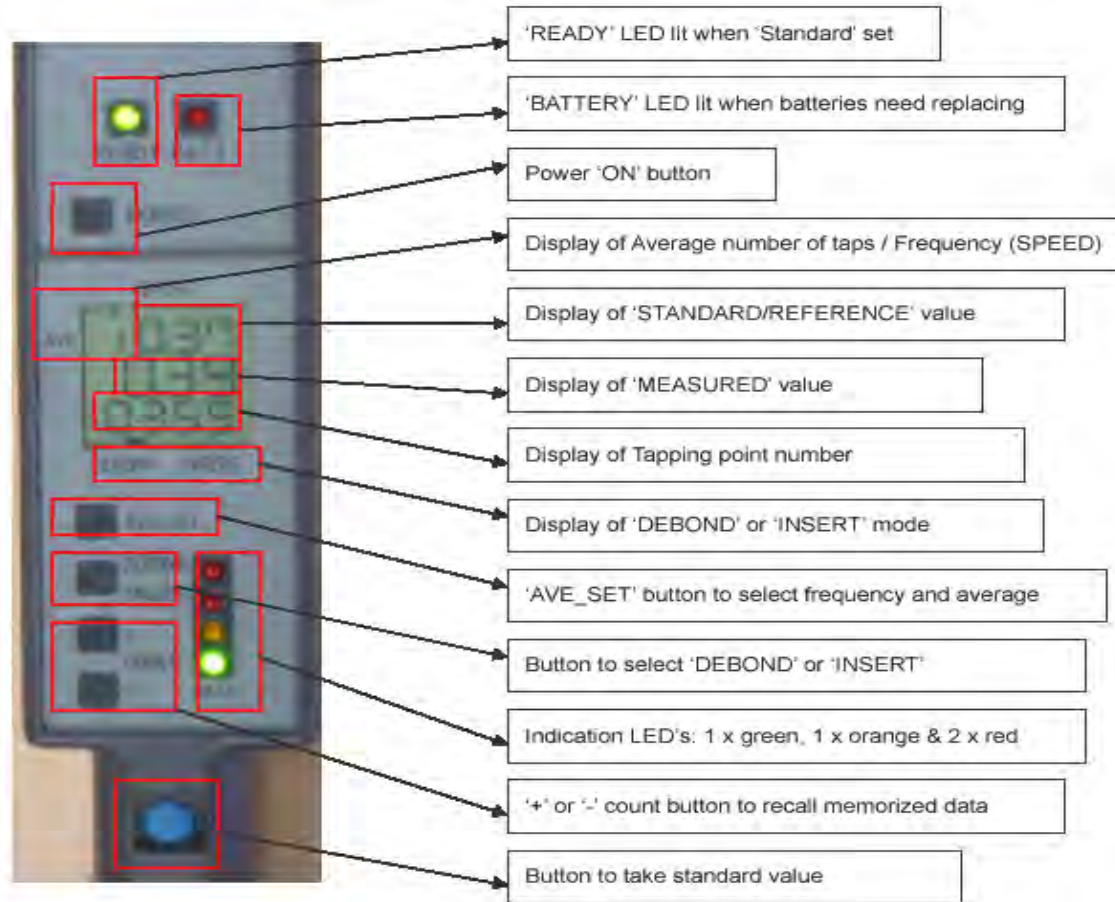
WP-632AM-R XY Plotter

4 x AA Batteries





PARTS IDENTIFICATION – top:





PARTS IDENTIFICATION – side:



Start button

XY plotter
port

Remote
probe port

PC port





PARTS IDENTIFICATION – side:



Acrylic Feet &
Hammer Head

Alarm

Start button

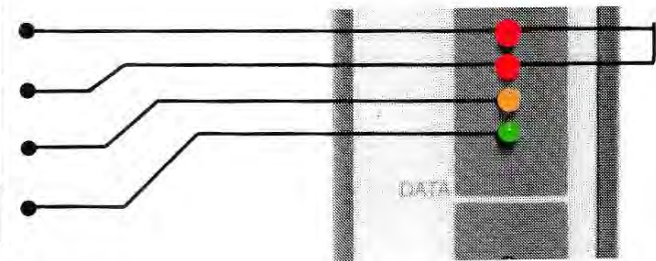
22/06/2022





LED Indicators common through range:

Condition of tested area	Data lamp	Spring constant ratio
Debond	R ₁ + R ₂ + Buzzer	0.3
	Red 2 (R ₂) + Buzzer	0.5
	Red 1 (R ₁) + Buzzer	0.75
	Yellow (Y)	0.85
Sound	Green (G)	1





Evolution of the Woodpecker





Woodpecker WP-632AM-R Handpiece with XY Plotter & Remote Probe:



22/06/2022





PARTS IDENTIFICATION – Remote Probe (included):



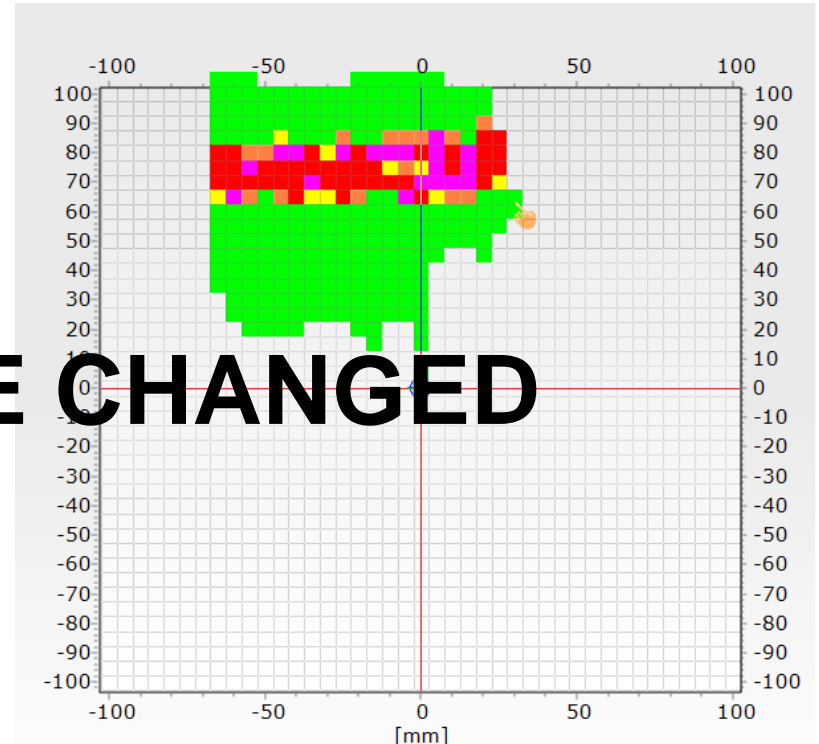
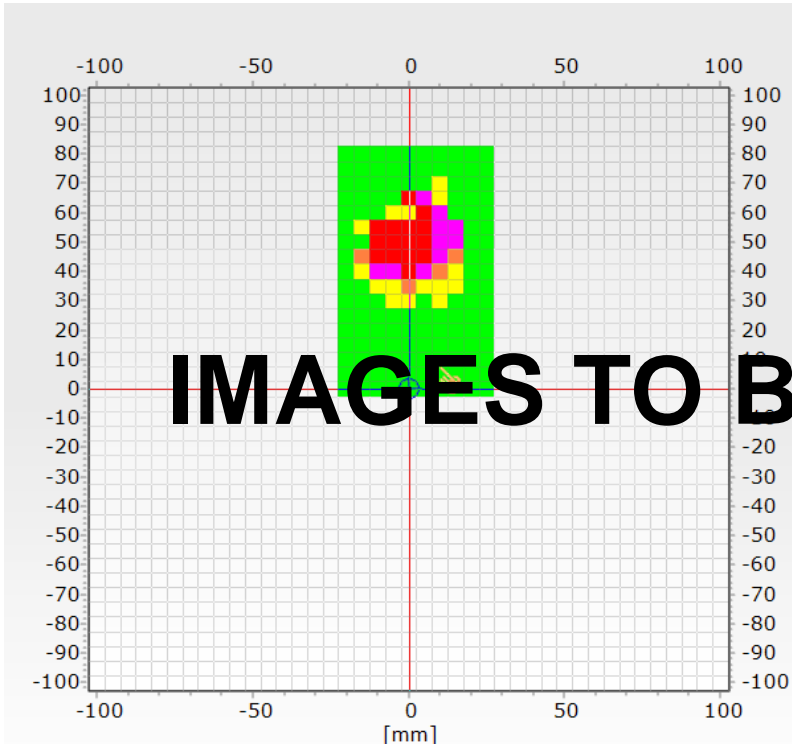


PARTS IDENTIFICATION – XY Plotter (optional):





SOFTWARE – standard:

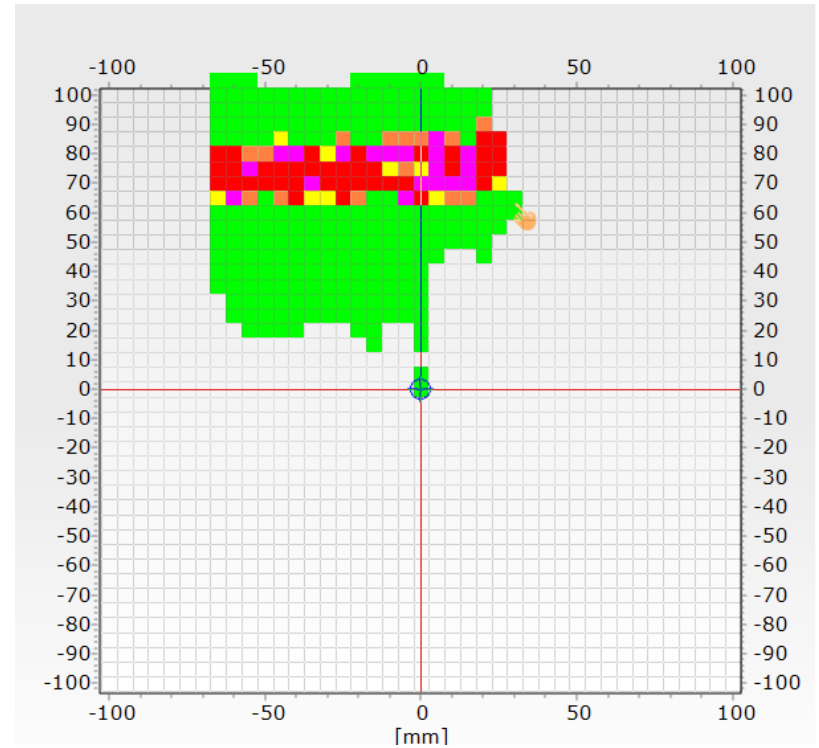
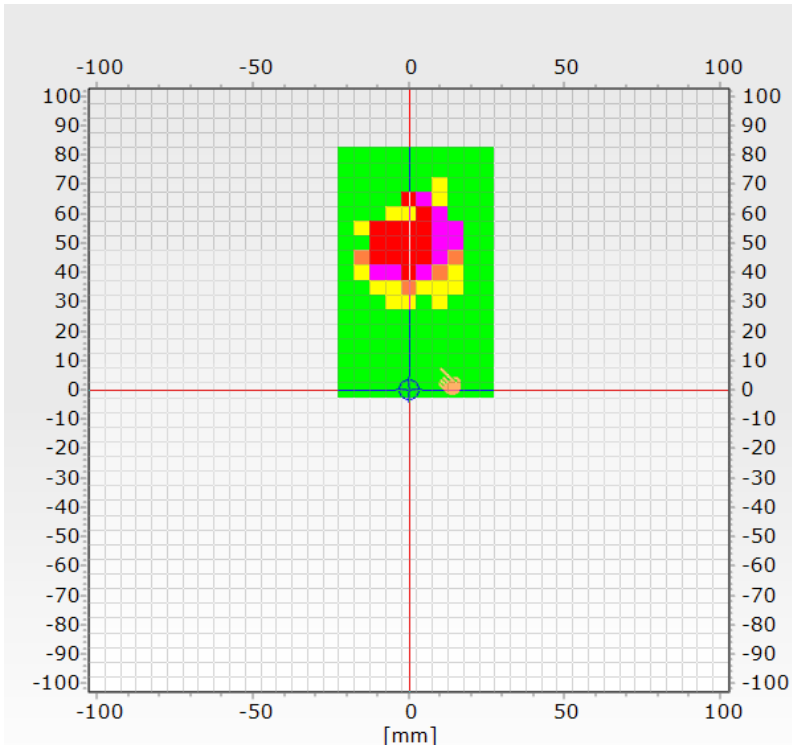


IMAGES TO BE CHANGED

Screen captures : can be different resolutions



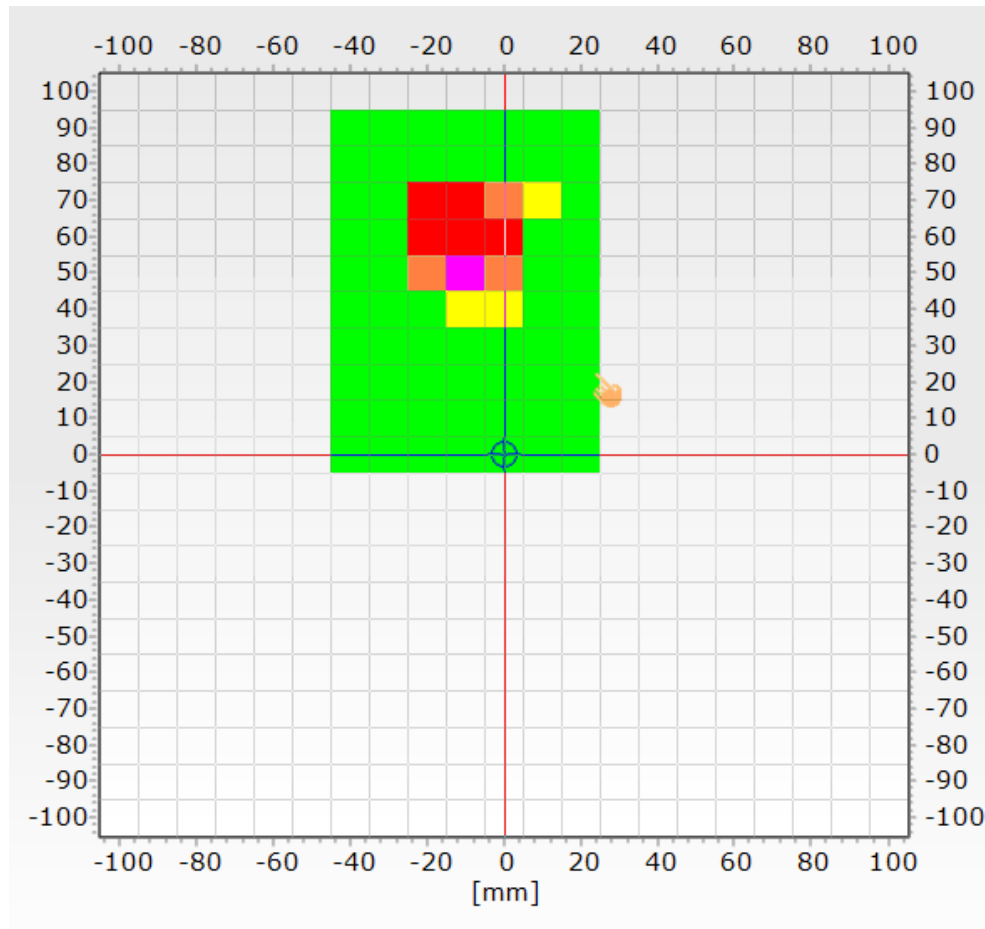
SOFTWARE – XY Plotter:



Screen captures : can be different resolutions



WP-632AM-R XY Screen Capture:

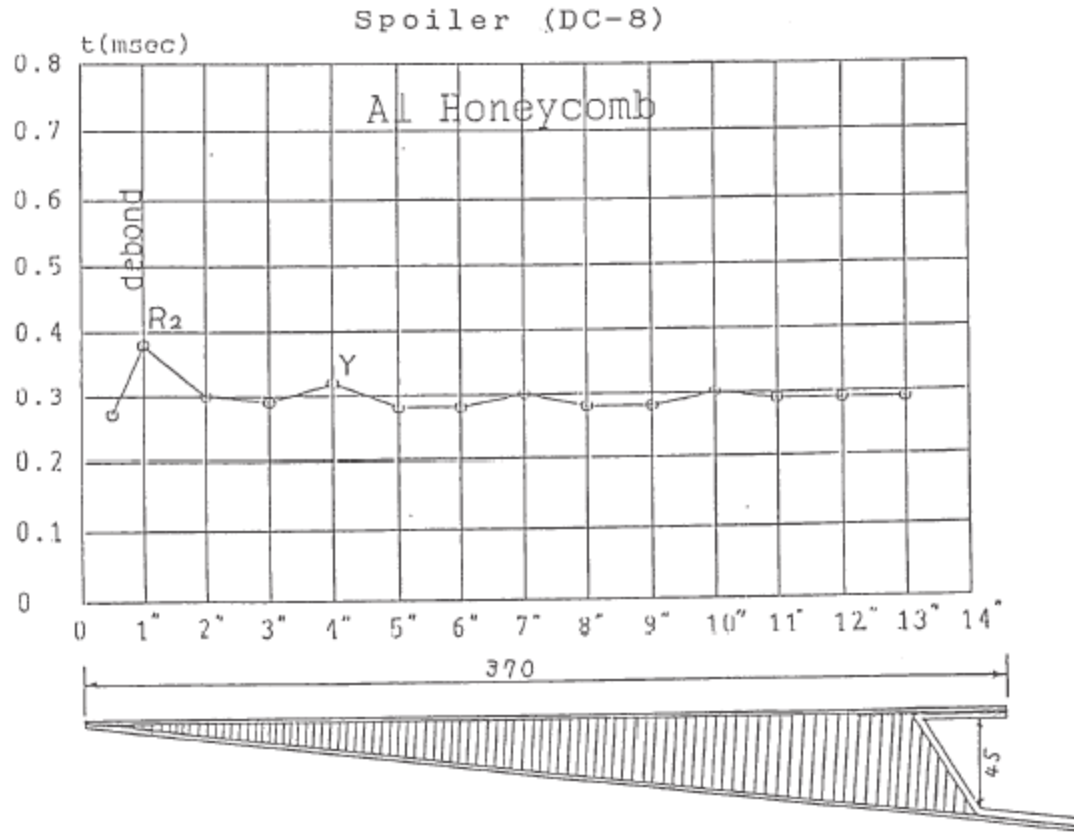


22/06/2022



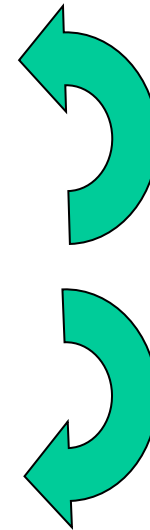


APPLICATIONS – Across cord:



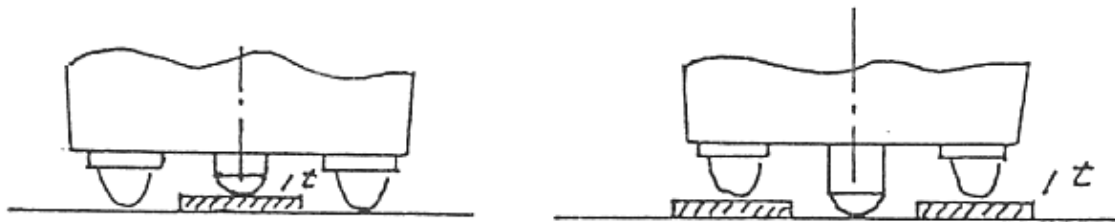


FUNCTION CHECK



+ 10°

- 10°





QUESTIONS?

