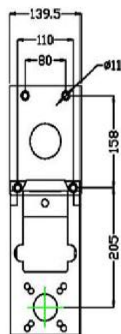
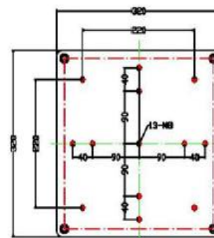


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The image displays two views of the M3000 Universal Tester. On the left is the front view, showing the vertical column, the horizontal arm with the digital display, and the base with three control buttons (two green, one red). On the right is the side view, highlighting the vertical column and the side-mounted digital display. Both views show the machine's compact and professional design.

[illegible]

Fixed specification: 320 mm
Location specification: 2-M8



		2021-03
		 
Pneumatic ultrasonic series GW-L Base/3D Shape size	Hsin DONGHO Ultrasonic www.dongho-d55.com dongho@dongho-d55.com	A-1 A

FEATURES AND ADVANTAGES

- DSP microcontroller processing ultrasonic welding process;
- Widescreen touch screen - Easy programming for all welder settings, parameters can be set through menus;
- Simple and easy-to-use human-machine interface - different function sections;
- Setting parameters is more convenient, man-machine efficiency is more ideal;
- Data storage - Record the store ultrasound welding machine settings, working parameters and welding data,
- Program editing - welding procedure editing and records storage;
- Workpiece identification record -USB scan input bar code or 2D code to identify records in welding data.

Ultrasonic Controller



GENERATOR BOX BACK

External control
and accessories

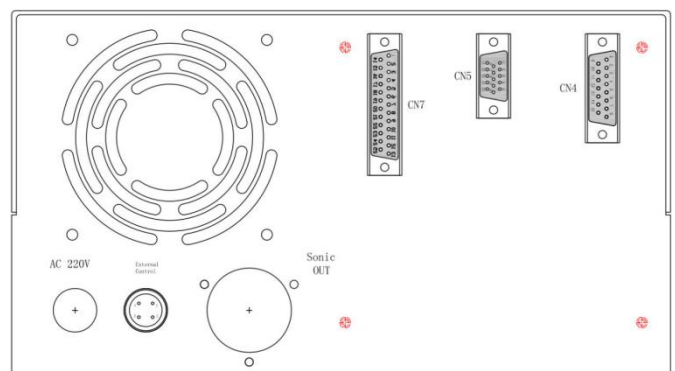
connection to
main frame

Mainframe position
encoder

Power cord

Connection to motor

Connection to
ultrasonic converter



PRDOCUT PARAMETERS

HARDWARE	
Output interface	7" color touch screen
Operating system	iQS
Motion control system	Pneumatic
Frequency regulation	IGBT auto tuning
Z- axis positioning accuracy(mm)	±0.05mm accuracy
Cylinder stroke(mm)	80mm±1mm
Maximum compression pressure(mpa)	1Mpa
Maximum welding time(S)	≤6S
Cooling system	Vortex cooler
Generator alarm	Frequency failure/overload current/power overload
Relative humidity	30% - 95%, no condensate
Operating temperature	+5℃ - +55℃
Air Source	Compressed air must be clean, dry and free of lubricants
Voltage source(V)	AC 220V±5% 50/60Hz
Measurement(L*W*H)mm	350*622*1140mm
Weight(kg)	96.5KG

CONTROLLER						
MODEL	GW-AS1530	GW-SS1530	GW-AS2020	GW-SS2020	GW-AS3510	GW-SS3510
Trigger mode	Delay Time	Delay Time /Position	Delay Time	Delay Time / Position	Delay Time	Delay Time / Position
Welding mode	welding time/welding energy/ Max. Power	welding time/welding energy/ absolute position	welding time/welding energy/ Max. Power	welding time/welding energy/ absolute position	welding time/welding energy/ Max. Power	welding time/welding energy/ absolute position
Power(W)	≤3000W	≤3000W	≤2000W	≤2000W	≤1000W	≤1000W
Weld quality setting	welding time/welding energy/ Max. Power	welding time/welding energy/ absolute position/Max. Power	welding time/welding energy/ Max. Power	welding time/welding energy/ absolute position/Max. Power	welding time/welding energy/ Max. Power	welding time/welding energy/ absolute position/Max. Power
Language (Icon language)	1) Chinese 2) English					
Amplitude regulation	Single-stage amplitude					
Operation air	Standard					
Air pressure	≥0.05Mpa ≤0.65Mpa					
Hold mode	Static pressure					

Menu management	99 groups
Accessory expansion (optional)	Acoustic enclosure/Auto Reeling/Auxiliary fixture*2/Light curtain protection

PRODUCT PARAMETERS

CONVERTOR	
Warranty	1 year
Brand	DONGHO
Conversion rate	90% < real rate < 100%
BOOSTER	
Booster ratio	Titanium 1:2.5

SONOTRODE						
Model	GW-A S1530	GW-S S1530	GW-A S2020	GW-S S2020	GW-A S3510	GW-S S3510
Frequency accuracy	14.70~15.20KHz		19.80KHz-20.20KHz		34.80KHz-35.20KHz	
Weld area	Per material/shapes, not more than 200mm		Per material/shapes, not more than 150mm		Per material/shapes, not more than 50mm	
Product size	Per material/shapes, not more than 200mm		Per material/shapes, not more than 150mm		Per material/shapes, not more than 50mm	

DATA COLLECTION METHOD	
Data display	Welding data area
Product Identification	Bar code/QR code
Scan gun brands it supports(USB port)	Honewell/Code Reader/Datalogic/Infoscanner
Machine memory space	1500 times/cycle
Memory data transfer	USB download and reading

(We preserve the right to update the above specifications in case of any improvement of the products, we will not otherwise inform due to above change.)