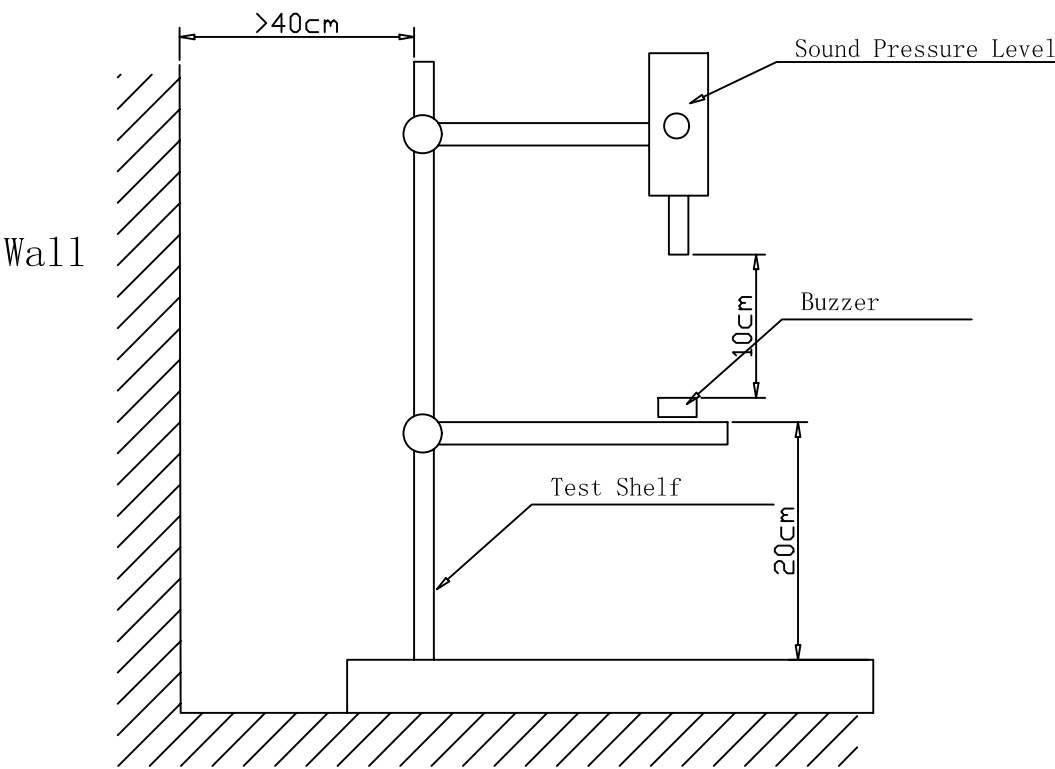
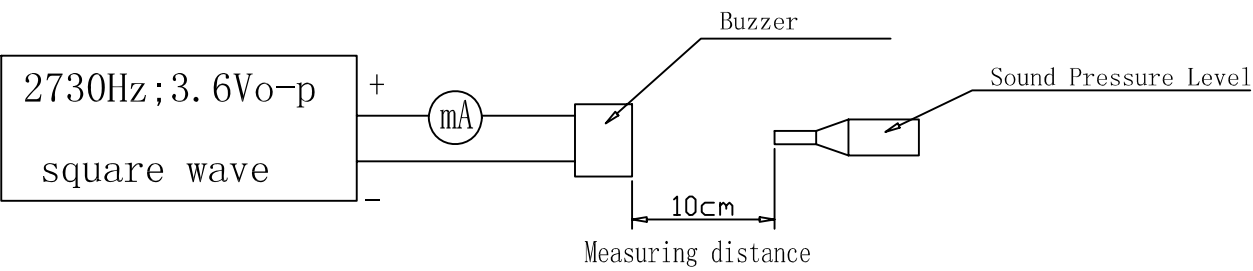


MEASURING MENTHOD



RELIABILITY TEST

ITEM	TEST CONDITION	STANDARD
Storage in high temp.	Storage in $+85\pm2^{\circ}\text{C}$ test box for 240 hours, then expose to the room temperature for 2 hours without applying power.	After test The value of frequency/ current/SPL should be meet specifications
Storage in low temp.	Storage in $-40\pm2^{\circ}\text{C}$ test box for 240hours, then expose to the room temperature for 2 hours without applying power.	
Storage in humidity	Storage in $+40\pm2^{\circ}\text{C}90\text{--}95\%\text{RH}$ test box for 48 hours, then expose to the room temperature for 2 hours without applying power.	
Temperature cycle test	Make this test for 5 cycle without applying power, then expose to the room temperature for 2 hours	
Vibration test	Amplitude:1.5mm Time :1min/axis Make this test for the directions of X,Y,Z for 2 hours each (total 6 hours).	
Drop test	Drop from the height of 100cm to the surface of 100mm thick woodenboard.three directions(X,Y,Z).	$\pm 5\text{dB}$
Solderability test	Soldering temp.: $260\pm5^{\circ}\text{C}$. Heat applying time: $3\pm0.5\text{sec}$.	90%min.lead terminals shall be wet with solder
Lead Pin Strength Pulling	The force 10 seconds of 9.8N is applied to each lead pin in axial direction	No damage and cutting off