Measurement Microphone Cartridges - 1/4 inch-Free Field & Pressure Field

	ZT-341	ZT-342	ZT-343	ZT-344	ZT-351	ZT-352
Picture						
Sound field type	Free field type	Pressure field type	Free field type	Pressure field type	Free field type	Pressure field type
Sensitivity (@ 250 Hz ± 2 dB)	4 mV/Pa	1.6 mV/Pa	4 mV/Pa	0.56 mV/Pa	15.8 mV	15.8dBmV
Sensitivity (@ 250 Hz ± 2 dB)	-48 dB re 1V/Pa	-56 dB re 1V/Pa	-48 dB re 1V/Pa	- 65 dB re 1V/Pa	- 36 dB re 1 V/Pa	-36 dB re 1 V/Pa
Frequency response (±2 dB)	4Hz~40kHz	4Hz~70kHz	4Hz~90kHz	10Hz~20kHz	4Hz~40kHz	4Hz~20kHz
Polarization voltage	0V(pre-polarization)	0V(pre-polarization)	0V(pre-polarization)	0V(pre-polarization)	0V	0V
Typical capacitance	7pF	7pF	7pF	7pF	7 pF (250 Hz)	7 pF (250 Hz)
Upper limit of dynamic range (re. 20 uPa)	≥160dB(distortion < 3%)	≥170dB(distortion < 3%)	≥165dB(distortion < 3%)	≥175dB(distortion < 3%)	≥140dB(distortion < 3%)	≥140dB(distortion < 3%)
Lower limit of dynamic range (re. 20 uPa)	≤30dB(A)	≤30dB(A)	≤30dB(A)	≤60dB(A)	≤20dB(A)	≤20dB(A)
Range of operating temperature	-20℃~60℃	-20℃~60℃	-30℃~80℃	-30℃~80℃	-20℃~60℃	-20℃~60℃
Temperature coefficient (-10 ℃ to 50 °C)	0.01dB/℃	0.015dB/℃	0.01dB/℃	0.015dB/℃	0.015dB/℃	0.015dB/℃
Static pressure coefficient	-0.01dB/kPa	-0.01dB/kPa	-0.01dB/kPa	-0.01dB/kPa	-0.01dB/kPa	-0.01dB/kPa
Relative humidity range (without condensation)	0~90%RH	0~90%RH	0~90%RH	0~90%RH	0~90%RH	0~90%RH
Relative humidity coefficient	<0.1dB(0 - 90% RH without condensation)	<0.1dB(0 - 90% RH without condensation)	<0.1dB(0 - 90% RH without condensation)	<0.1dB(0 - 90% RH without condensation)	<0.1dB(0 - 90% RH without condensation)	<0.1dB(0 - 90% RH without condensation)
Pressure equalization method	Average side pressure	Average side pressure	Average side pressure	Average side pressure	Average side pressure	Average side pressure
IEC 61094-4 Designation	WS3F	WS3P	WS3F	WS3P	WS3F	WS3P
Height (with protective grid)	10.5mm	10.5mm	10.5mm	10.5mm	10.5mm	10.5mm
Diameter (including protective grid)	7mm	7mm	7mm	7mm	7mm	7mm
Height (without protective grid)	9mm	9mm	9mm	9mm	9mm	9mm
Diameter (without protective grid)	6.35mm	6.35mm	6.35mm	6.35mm	6.35mm	6.35mm