

Immersion Transducers

Technisonic offers three pencil housing styles accommodating .250" diameter elements. All feature stainless steel housings and acoustically matched epoxy lenses for optimum transducer performance and durability.

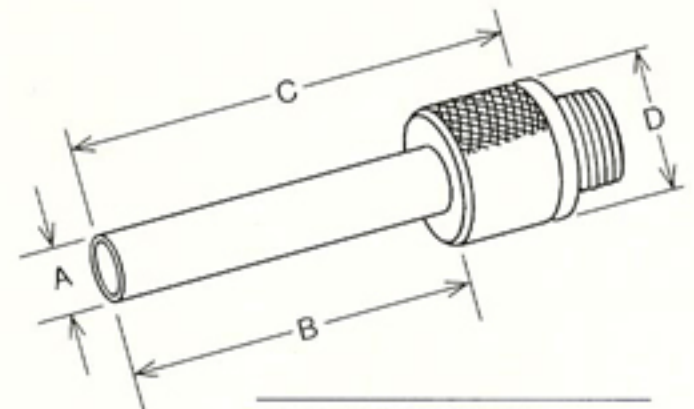
The **IPM Model** is 1" long while the **IPML** is 1.5" long. A microdot connector is standard on both. These are ideal for applications where transducer size constraints are encountered.

The **IPU Style** features a knurled flange and a UHF connector for easy insertion into standard immersion systems. A right angle mounted element is available on special order.

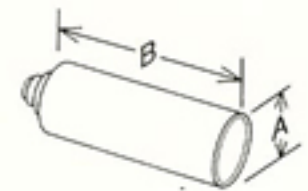
The **IPM, IPML** and **IPU** are all available with spherical or cylindrical focusing to increase sensitivity to critical flaws or to improve near surface resolution. Please refer to the chart on page 22 for practical focusing limits.

A **Right Angle Reflector (IP-RA)** is available to direct the sound beam 90° into hard to reach areas. Other angles are available.

Frequency (MHz)	Style IPM	Style IPML	Style IPU
General Purpose Series (GP)			
2.25	IPM-0202-GP	IPML-0202-GP	IPU-0202-GP
3.5	IPM-0302-GP	IPML-0302-GP	IPU-0302-GP
5.0	IPM-0502-GP	IPML-0502-GP	IPU-0502-GP
10.0	IPM-1002-GP	IPML-1002-GP	IPU-1002-GP
Very High Resolution Series (VHR)			
10.0	IPM-1002-VHR	IPML-1002-VHR	IPU-1002-VHR
15.0	IPM-1502-VHR	IPML-1502-VHR	IPU-1502-VHR
20.0	IPM-2002-VHR	IPML-2002-VHR	IPU-2002-VHR
25.0	IPM-2502-VHR	IPML-2502-VHR	IPU-2502-VHR
High Resolution Series (HR)			
2.25	IPM-0202-HR	IPML-0202-HR	IPU-0202-HR
3.5	IPM-0302-HR	IPML-0302-HR	IPU-0302-HR
5.0	IPM-0502-HR	IPML-0502-HR	IPU-0502-HR
10.0	IPM-1002-HR	IPML-1002-HR	IPU-1002-HR
15.0	IPM-1502-HR	IPML-1502-HR	IPU-1502-HR
20.0	IPM-2002-HR	IPML-2002-HR	IPU-2002-HR
25.0	IPM-2502-HR	IPML-2502-HR	IPU-2502-HR



DIMENSIONS (IPU)			
A	B	C	D
.375"	2.00"	2.55"	.750"



DIMENSIONS		
	A	B
IPM	.375"	1.00"
IPML	.375"	1.50"