

## Features

- Lower uncertainties than comparison calibrations
- All ITS-90 fixed points from TPW to copper
- Reduced equipment and annual recalibration costs

## Specifications

Model Number	Fixed-Point	Temperature ( ° C)	Outside Diameter	Inside Diameter	Total Cell Height	Immersion Depth <sup>1</sup>	Uncertainty (mK) k=	
							Cell Only <sup>2</sup>	Simple Realization <sup>2</sup>
5901B-G	Water T. P.	0.01	30 mm	8 mm	170 mm	117 mm	0.2	0.5
5914A	Indium F. P.	156.5985	43 mm	8 mm	214 mm	140 mm	1.0	2.0
5915A	Tin F. P.	231.928	43 mm	8 mm	214 mm	140 mm	1.4	3.0
5916A	Zinc F. P.	419.527	43 mm	8 mm	214 mm	140 mm	1.6	4.0
5917A	Aluminum F. P.	660.323	43 mm	8 mm	214 mm	140 mm	4.0	10.0
5918A	Silver F. P.	961.78	43 mm	8 mm	214 mm	140 mm	7.0	n/a
5919A	Copper F. P.	1084.62	43 mm	8 mm	214 mm	140 mm	15.0	n/a
5944	Indium F. P.	156.5985	41.3 mm	7.8 mm	222 mm	156 mm	0.7	1.4
5945	Tin F. P.	231.928	41.3 mm	7.8 mm	222 mm	156 mm	0.8	1.6
5946	Zinc F. P.	419.527	41.3 mm	7.8 mm	222 mm	156 mm	1.0	2.0
5947	Aluminum F. P.	660.323	41.3 mm	7.8 mm	222 mm	156 mm	2.0	4.0

<sup>1</sup>Distance from the bottom of the central well to the surface of the pure metal.

<sup>2</sup>"Cell Only" refers to the expanded uncertainty of the cell when realized by traditional methods and maintained using traditional maintenance devices. "Simple Realization" refers to the expanded uncertainty of the cell when realized using practical methods (melting points instead of freezing points or slush ice instead of an ice mantle, for example) and maintained using Hart's 9210 and 9260 mini cell maintenance apparatus.