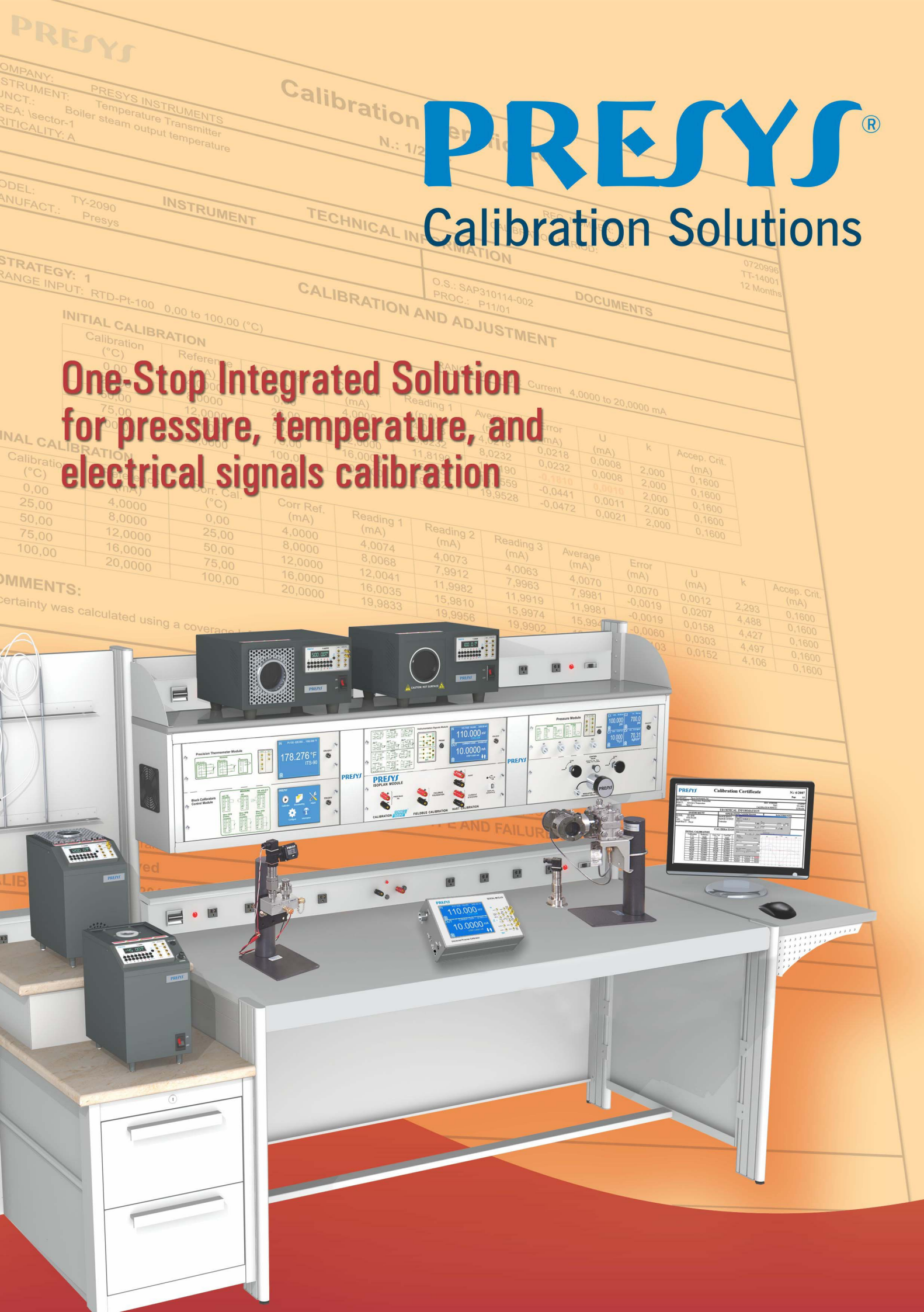


PRESYS®

Calibration Solutions

**One-Stop Integrated Solution
for pressure, temperature, and
electrical signals calibration**



COMPANY: PRESYS INSTRUMENTS
 INSTRUMENT: Temperature Transmitter
 CONNECTOR: Boiler steam output temperature
 AREA: Sector-1
 CRITICALITY: A

MODEL: TY-2090
 MANUFACTURER: Presys

STRATEGY: 1
 RANGE INPUT: RTD-Pt-100 0.00 to 100.00 (°C)

Calibration Certificate
 N.: 1/2

INSTRUMENT TECHNICAL INFORMATION

CALIBRATION AND ADJUSTMENT

O.S.: SAP310114-002
 PROC.: P11/01

DOCUMENTS

0720996
 TT-14001
 12 Months

INITIAL CALIBRATION

Calibration (°C)	Reference (mA)	Reading 1 (mA)	Average (mA)	Error (mA)	U (mA)	k	Accep. Crit. (mA)
0.00	4.0000	4.0074	4.0070	0.0070	0.0012	2.293	0.1600
25.00	8.0000	8.0068	8.0073	0.0073	0.0012	4.488	0.1600
50.00	12.0000	12.0041	12.0041	0.0041	0.0012	4.427	0.1600
75.00	16.0000	16.0035	16.0035	0.0035	0.0012	4.497	0.1600
100.00	20.0000	19.9833	19.9833	-0.0167	0.0012	4.106	0.1600

FINAL CALIBRATION

Calibration (°C)	Reference (mA)	Corr. Cal. (°C)	Corr Ref. (mA)	Reading 1 (mA)	Reading 2 (mA)	Reading 3 (mA)	Average (mA)	Error (mA)	U (mA)	k	Accep. Crit. (mA)
0.00	4.0000	0.00	4.0000	4.0074	4.0073	4.0063	4.0070	0.0070	0.0012	2.293	0.1600
25.00	8.0000	25.00	8.0000	8.0068	8.0073	7.9963	7.9981	-0.0019	0.0012	4.488	0.1600
50.00	12.0000	50.00	12.0000	12.0041	11.9982	11.9919	11.9981	-0.0019	0.0012	4.427	0.1600
75.00	16.0000	75.00	16.0000	16.0035	15.9810	15.9974	15.9974	-0.0060	0.0012	4.497	0.1600
100.00	20.0000	100.00	20.0000	19.9833	19.9956	19.9902	19.9902	-0.0098	0.0012	4.106	0.1600

COMMENTS:
 Uncertainty was calculated using a coverage factor of 2.

