

Fuji Electric Instrumentation Co., Ltd.
 2140, Enzanoyashiki, Koshu,
 Yamanashi, Japan

Certificate of Conformance and Calibration Statement

No. of issue: 2123


Date of issue: 23-Jan-2008

FCR series microjet recorders Model : PHA / PHC

We certify that the above recorders fully meet the published specifications applicable to the product.

We further certify that the instrumentation has been calibrated by means of temperature, electrical, and resistance standards traceable to the National Institute for Standards and Technology or equivalent and that the calibration was accomplished using generally accepted procedures.

Input		Scale range	Tolerance	Calibration equipment used
Thermocouple	B	400 to 1760 °C	Indication: $\pm 0.15\% \pm 1$ digit (without reference junction compensation error) *B type TC: $\pm 0.25\%$ (400 to 600°C) Recording: $\pm 0.25\%$ of recording span Reference junction compensation accuracy $\pm 0.5^\circ\text{C}$ (K, E, J, T, N, L, U, PN) $\pm 1^\circ\text{C}$ (R, S, B, W)	Digital Multi Meter Maker: Advantest Model: R6551 Programmable DC Voltage/ Current Generator Maker: Advantest Model: R6145 Resistance box Maker: A and D Model: AD8612
	R	0 to 1760 °C		
	S	0 to 1760 °C		
	K	-200 to 1370 °C		
	E	-200 to 800 °C		
	J	-200 to 1100 °C		
	T	-200 to 400 °C		
	N	0 to 1300 °C		
	W	0 to 1760 °C		
	L	-200 to 900 °C		
U	-200 to 400 °C			
PN	0 to 1300 °C			
DC Voltage	50mV	-50 to 50mV	Indication: $\pm 0.15\% \pm 1$ digit Recording: $\pm 0.25\%$ of recording span	
	500mV	-500 to 500mV		
	5V	-5 to 5V		
	50V	-50 to 50V		
Resistance bulb	JPT100	-200 to 600 °C		
	PT100			
Test conditions		Ambient temperature		23°C \pm 5°C
		Humidity		10 to 65% RH

Date : 23-Jan-2008	Approved by :  Takaaki Kikuchi Manager Quality Assurance Dept.
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