

	Documenting Process Calibrators				Multifunction Process Calibrator		Temperature Calibrators			Pressure Calibrators		Loop Calibrators			ProcessMeters	
	744	743B	741B	725/725Ex	726	724	714	712	718/718Ex	717	715	707/707Ex	705	789	787	
Model Measure																
Voltage DC	300 V	300 V	300 V	30 V	30V	30 V	75 mV				10 V	28 V	28 V	1000 V	1000 V	
Voltage AC (true RMS)	300 V	300 V	300 V											1000 V	1000 V	
Resistance	11 kΩ	11 kΩ	11 kΩ	3200 Ω	4000 Ω	3200 Ω		3200 Ω						40 MΩ	40 MΩ	
Current DC	110 mA	110 mA	110 mA	24 mA	24 mA	24 mA			24 mA	24 mA	24 mA	24 mA	24 mA	30 mA, 1 A	30 mA, 1 A	
Current AC														●	●	
Frequency	50 kHz	50 kHz	50 kHz	10 kHz	15 kHz									20 kHz	20 kHz	
Pressure	● ¹	● ¹	● ¹	● ¹	● ¹				100G: 7 bar ² 30G: 2 bar ²					●	●	
Temperature: RTD types	8	8	8	7	8	7										
Temperature: TC types	11	11	11	12	12	12	9									
Source/Simulate																
Voltage DC	15 V	15 V	15 V	10 V	20 V	10 V	75 mV				10 V					
Resistance	11 kΩ	11 kΩ	11 kΩ	3200 Ω	4000 Ω	3200 Ω		3200 Ω								
mA DC/% scale	22 mA	22 mA	22 mA	24 mA	24 mA						24 mA	24 mA	24 mA	24 mA	24 mA	
mA source: auto step, auto ramp	●	●	●	●	●						●	●	●	●	●	
Frequency	50 kHz	50 kHz	50 kHz	10 kHz	15 kHz											
Temperature: RTD types	8	8	8	7	8	7										
Temperature: TC types	11	11	11	10	10	10	9									
Record																
Min/Max	●	●	●						●	●				●	●	
Hold									●	●				●	●	
As Found/As Left results	●	●	●													
Log data	●	●														
Upload data to PC	●	●												●		
Remote operation				●/-	●											
Features																
Loop supply	24 V	24 V	24 V	24 V/12 V	24 V	24 V			24 V/-	24 V	24 V	24 V	24 V	24 V		
Hart communication	●															
Integrated hand pressure pump									●							
Intrinsically safe (ATEX)				725Ex					718Ex			707Ex				
NIST traceable certification	●	●	●	●	●	●	●	●	●	●	●	●	●			
Warranty in years	3	3	3	3/1	3	3	3	3	3/1	3	3	3/1	3	3	3	
See catalog page	64	64	64	65	65	66	67	67	68	68	69	69	69	70	70	

1 Fluke 700 pressure modules required
 2 Either the internal sensor or a Fluke 700 pressure module may be used