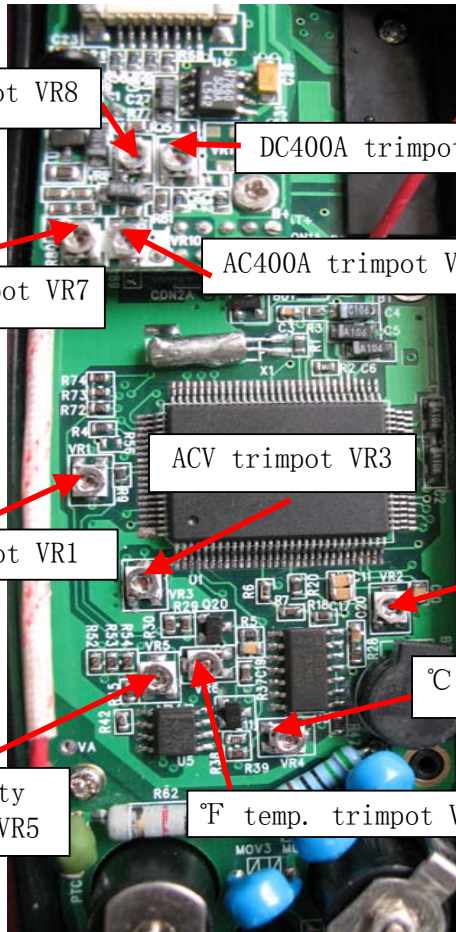


DIGITECH

model name	digital clamp meter
model no.	QM-1563
procedure name	Calibration procedure

drawing instruction

operation procedure



DCA0 trimpot VR8

DC400A trimpot VR91

DC40A trimpot VR7

AC400A trimpot VR10

ACV trimpot VR3

capacitance trimpot VR2

DCV trimpot VR1

°C temp. trimpot VR4

linearity trimpot VR5

°F temp. trimpot VR6

instruction:

1. Set to DCV range, use a standard calibrator to input 100.0mV, then adjust VR1 until LCD displays 99.9mV~100.1mV.
2. Set to DCV range and press MODE button to enter ACV range, use a standard calibrator to input 1V(60Hz), then adjust VR3 until LCD displays 0.999V~1.001V.
3. Set to CAP range, input 100nF and adjust VR2 until LCD displays 99.5~100.5nF.
4. Set to °C, use the calibrator to input 0mV, and adjust VR4 until LCD displays 25°C±1°C.
5. Set to °F range, use a standard calibrator to input 0mV, and adjust VR6 until LCD displays 77°F.
6. Linearity calibration: use the calibrator to input 31.124mV, and adjust VR5 until LCD displays 750°C + room temp. ±8°C.
7. DCA zero calibration: Set to DCA400A range, adjust VR8 until LCD displays -000.0 ~ 000.1A.
8. Set to DC400A range, LCD displays DC sign, use the calibrator to input DC200A and adjust VR91 until LCD displays 199.5A~200.5A.
9. Set to AC400A range, LCD displays AC sign, use the calibrator to input AC200A(50Hz), and adjust VR10 until LCD displays 199.5~200.5A.
10. Set to AC40A range, LCD displays AC sign, use the calibrator to input AC20A, and adjust VR7 until LCD displays 19.95~20.05A.