

DC Offset Adjustment

The following adjustment procedures describe how to adjust the DC offset of the A6302 using the AM503, AM503A, AM503B or AM5030 amplifiers and the A6302XL using the AM503B and AM5030 current probe amplifiers. Tolerances that are specified in these procedures apply to the current probes and do not include test equipment error.

Refer to Figure 11 for the location of the DC offset adjustment.

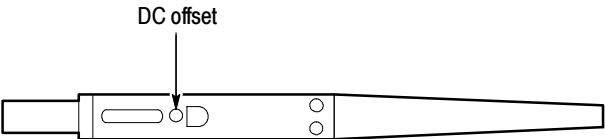


Figure 11: A6302 and A6302XL current probes DC offset adjustment location

Required Test Equipment

To perform the adjustment procedures in this section, you will need the test equipment listed in Table 12. The test equipment must meet or exceed the specifications listed. The test procedure may need to be changed if the recommended equipment is not used.

Table 12: Required test equipment

Qty	Item	Description	Recommended equipment
1	Oscilloscope	150 MHz bandwidth	TDS 460
1	Termination ¹	50 Ω , BNC connector, feedthrough	011-0049-01
3	BNC cable ¹	50 Ω , 1.05 m (42 in) long	012-0057-01

¹ Provided as a standard accessory with the AM503 series amplifiers.