

The **Additional Performance Verification Procedure** can be used to do some extra checks, depending on the ScopeMeter version (93, 95 or 97). In these tests the ScopeMeter must be set up manually.

NOTE: This Performance Verification Procedure is a quick way to check most of the instrument's specifications. Because of the highly integrated design of the ScopeMeter, it is not always necessary to check all features separately. The procedure described here often combines many test steps in one procedure step, thereby minimizing total test time.

The Performance Verification Procedure is based on the specifications, listed in chapter 2 of this Service Manual. The values (requirements) given here are valid for ambient temperatures between 18 °C and 28 °C.

4.2 STANDARD PERFORMANCE VERIFICATION PROCEDURE

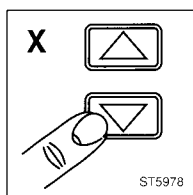
This section explains the required Performance Verification Procedure setup, with the actions that have to be done for each step. Follow the instructions described with each step. The recommended test equipment, required for this Standard Performance Verification Procedure, is listed in table 4.1.

Table 4.1 Recommended test equipment Standard Performance Verification Procedure

Instrument Type	Recommended Model
Multifunction Calibrator	Fluke 5100B
Function Generator	Philips PM 5134
Time Mark Generator	Tektronix TG 501
Constant Amplitude Sine wave Generator	Tektronix SG 503
Square wave Calibration Generator	Tektronix PG 506

- Cables and terminations for the generators (all BNC type)
- Two standard banana test leads (delivered with the ScopeMeter)
- BNC (female)-to-banana (male) (delivered with the ScopeMeter)

NOTE: During the following Performance Verification Procedure, the ScopeMeter input sockets are connected to the signal generator outputs by means of cables (BNC connector channel A or B) or two standard banana test leads (COM and mV/Ohm/Diode banana connectors). The oscilloscope probes delivered with the instrument are not used during the Standard Performance Verification Procedure. The calibration of the probes is described in the Users Manual.



In the following text, this figure is used to indicate that one of the select/adjust keys (up/down) must be pressed, to display the indicated step number "x" on the ScopeMeter screen.