



# SERVICE

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790201

TEST AND MEASURING EQUIPMENT

SGS 19

PM 5326

Already published: SGS 11, SGS 17  
RE: Amendment of unit 8 to the instrument

When operating the instrument in the sweep ranges, the calibration of the carrier frequency was only possible by means of an oscilloscope, see Fig.4 of the instruction manual 9499 520 07802.

Amendment of a small printed circuit board, unit 8, reduces this additional effort and allows more convenient operation:

At beat frequency of the RF generator and the sweep oscillator the LED indicator MARKER at the frontplate is dimmed and flickers.

The unit 8 is mounted to the display and time base circuitries, units 3 and 2.

It is introduced in instruments from LO 021341 onward.

Modification of Fig.4 in the manual:

Calibration of the carrier frequency of the RF Sweep Generator:

- Press only concerning buttons RF SWEEP RANGE and RF FREQUENCY RANGE.
- Adjust requested carrier frequency by FREQUENCY SETTING on the display
- Turn RF SWEEP CENTER coarse and fine knobs until the MARKER lamp is flickering and dimmed at beat frequency.
- Unlock button RF FREQUENCY RANGE by pressing the COUNTER/EXT pushbutton.

9499 528 02911



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TEST AND MEASURING EQUIPMENT

SGS 17

PM 5326/PM 5326 X

Already published: SGS 11

Re: PM 5326 X

PM 5326 X offers an extended external counter facility from 1 kHz to 100 MHz.  
The 12 NC of PM 5326 X is 9452 053 26901.

The additional prescaler for the X-version, printed circuit board unit 7, is mounted within a metal case between RF case and back plate.

The instruction manual 9499 520 07802 for PM 5326, delivered with each instrument, is valid for PM 5326 X too.

#### Additional information:

- Technical data:

#### 1.2.7. Counter

	PM 5326:	PM 5326 X:
Frequency range	1 – 999.99 kHz	1 kHz – 99.999 MHz
Input voltage	50 mV – 50 V	30 mV – 50 V
Input impedance	1 M $\Omega$	1 M $\Omega$

- 4.3.2.2. Check and adjustment for COUNT EXT

- Connect NF/HF generator to COUNTER IN connector
- Connect sampling voltmeter and counter in order to set amplitude and frequency of the generator
- Push button COUNT EXT
- For  $U_i \leq 30$  mV and  $U_i > 50$  V check sensitivity and overload capability at 10 kHz and 99.999 MHz.  
Check identity of counter display and display of PM 5326 X.

- Further information can be seen in fig. 18 of the manual.

There does not exist any conversion kit to change PM 5326 into PM 5326 X. If you want to have the X-version please contact CA T & M Eindhoven.

9499 528 02811