

7000 Series Oscilloscope History

The following table is a brief description and history of the 7000 Series product line

- [Mainframes](#)
- [Amplifiers](#)
- [Time Bases](#)
- [Specialty plug-in](#)
- [Sampling](#)
- [Spectrum Analyzer](#)
- [Logic Analyzer](#)

Mainframes	Bandwidth	Approx. Intro date	Miscellaneous information
R7103	1000	1984	3 Compartment, rack mount, high bandwidth mainframe, mcp CRT.
7104	1000	1978	4 Compartment, bench top, high bandwidth mainframe, mcp CRT.
7313	65	1970	3 Compartment, storage CRT, obsolete by 1974
7403N	60	1970	3 Compartment, medium BW, obsolete by 1975
7503	100	1970	4 Compartment, about 1 year in production
7504	100	1970	3 Compartment, about 1 year in production
7514	100	1970	4 Compartment, about 1 year in production
7603	100	1970	3 Compartment, the backbone of the mainframe line, obsolete 1992
7612D	90	1988	Speciality Digitizer product, obsolete in 1990
7613	100	1970	3 Compartment, storage CRT, replaced by 7623B in 1990
7623(A)	100	1970	3 Compartment, storage CRT, replaced by 7623B in 1990
7623B	100	1990	3 Compartment, storage CRT, obsolete in 1992
7633	100	1970	3 Compartment, storage CRT, replaced by 7623B in 1990
R7704	175	1970	4 Compartment, rack mount, obsolete in 1985
7704(A)	200	1972	4 Compartment, split frame, led to

			the DPO (Digital Processing Oscilloscope) in 1972, obsolete in 1985
7834	400	1972	4 Compartment, storage CRT, replaced by 7934 in 1985
7844	400	1972	4 Compartment, 2 gun CRT, Specialty product for dual signal app.
7854	400	1980	4 Compartment, digitizer, waveform analyzer, etc. obsolete in 1988
R7903	500	1974	3 Compartment, rack mount,
7904(A)	500	1974	4 Compartment, general purpose, high bandwidth mainframe, obsolete in 1992
7912	500	1972	2 Compartment, Digitizer, high BW, replaced by 7912AD in 1982
7912AD	500	1980	2 Compartment, Digitizer, high BW, fast digitizer, obsolete in 1987
7912HD	750	1987	Same as 7912AD, except for bandwidth, obsolete in 1990
7934	500	1985	4 Compartment , storage CRT, high BW, obsolete in 1992

Amplifiers	Bandwidth	Prices (1978) date	Miscellaneous information
7A11	250 MHz	\$1,450	Single channel, built in FET probe, Minimum sensitivity = 5 mV/div
7A13	100 MHz	\$1,900	High bandwidth differential amplifier, with Vc capabilities.
7A15	80 MHz	\$700	Single channel, 1 Megohm input. Minimum sensitivity = 0.5 mV/div
7A16	225 MHz	\$700	Single channel, 1 Megohm input. Minimum sensitivity = 5 mV/div
7A17	150 MHz	\$180	Single channel, do it yourself module.
7A18	75 MHz	\$850	Two channel, 1 Megohm input
7A19	500 MHz	\$1,225	Single channel, 50 ohm input.
7A21N	1 GHz	\$975	Two channel, direct access plug-in (vertical amplifier is by-passed), used with the 7912, 7912AD mainframes
7A22	1 MHz	\$975	Differential amplifier, minimum sensitivity, 10 microvolts/div.
7A24	350 MHz	\$1,450	Two channel, 50 ohm input.
7A26	200 MHz	\$1,325	Two channel, 1 Megohm input
7A29	1 GHz	** \$2530	Single channel amplifier. Made to go with the 7104.
7A42	350 MHz	** \$6950	Four channel amplifier with special trigger capabilities.
* ~1974 pricing **~ 1984 pricing			

Time bases	Prices (1978) date	Miscellaneous information
7B50	\$625	Low cost time base, 5 nsec/div fastest T/Div.
7B53A	\$1,050	Delayed/delaying time base in one, fastest T/Div = 5 nsec.
7B70	\$675	Delayed time base, obsoleted ~1975
7B71	\$775	Delaying time base, obsoleted ~1975
7B80	\$875	Delayed time base, 1 ns/div fastest T/Div.
7B85	**\$1,025	Delaying time base, 1 ns/div fastest T/Div.
7B87	**\$2005	Delayed time base, 1 ns/div fastest T/Div. Special features for 7854.
7B10	**\$2110	Delayed time base, designed with the 7104, fastest T/Div = 200 psec.
7B15	**\$2390	Delaying time base, designed with the 7104, fastest T/Div = 200 psec.
7B92A	\$2,100	Delayed/delaying time base, fastest T/Div = 500 psec.
* ~1974 pricing **~ 1984 pricing		

Specialty plug-in	Prices (1978) date	Miscellaneous information
7CT1N	\$825	Curve tracer plug-in
7M13	\$500	Text generator for 7K
7D10	\$1,025	Digital delay by events, 7 1/2 digit readout on screen
7D11	\$1,725	Digital delay by time or events, 7 1/2 digit readout on screen
7D12		A/D convertor with M1, M2 or M3 modules, (M1 = multimeter, M2 = sampl/hold, M3= RMS meter)
7D13	\$775	Multimeter with DC, AC, Resistance & Temperature
7D14	\$1,275	Digital counter
7D15	\$1,850	Universal timer/counter to 225 MHz
7D20	\$7,750	Two channel, 20 MS/S digitizing scope, used power and display from the mainframe, GPIB programmable

Sampling	Bandwidth	Prices (1978) date	Miscellaneous information
7M11	~2 GHz	\$450	Delay line, 75 nsec. Allowed user to view leading edge
7S11		\$850	Single channel sampling unit, 2 mV/div to 200 mV/div
7T11		\$2,475	Sampling sweep unit, fastest T/Div = 10 psec
7S12		\$1,775	TDR & general purpose sampler
7S14	1 GHz	\$2,700	Two channel sampling plug-in
S1	1 GHz	\$600	Single channel sampling head, GR connector
S2	4.6 GHz	\$725	Single channel sampling head, GR connector
S3A	1 GHz	\$900	Single channel sampling head, 100 kilohm probe
S4	14 GHz	\$1,325	Single channel sampling head, sma connector
S5	350 MHz	\$600	Trigger pickoff
S6	11.5 MHz	\$1,250	Single channel loop-thru sampling head, used with the 7S12 in TDR applications
S51		\$825	18 GHz trigger count down head
S52		\$825	25 psec rise time pulser for TDR
S53		\$600	1 GHz trigger recognizer head
S54		\$500	1 nsec rise time pulser for TDR

Spectrum analyzer	Prices (1978) date	Miscellaneous information
7K11	\$625	CATV preamplifier
7L5	\$5,700	5 MHz spectrum analyzer
7L12	\$6,150	100 kHz to 1.8 GHz spectrum analyzer
7L13	\$8,850	1 kHz to 1.8 GHz spectrum analyzer
7L14	**\$17,900	10 kHz to 1.8 GHz digital spectrum analyzer (replaced 7L13)
7L18	\$12,600	30 Hz to 12 GHz spectrum analyzer
**~ 1984 pricing		

Logic analyzer	Prices (1978) date	Miscellaneous information
7D01	\$5,200	16 channel logic analyzer with probe & external qualifier
7D01F2	\$11,335	7D01 with Data formatter
7D02	\$4,950	Microprocessor disassembler for 8 & 16 bit processors