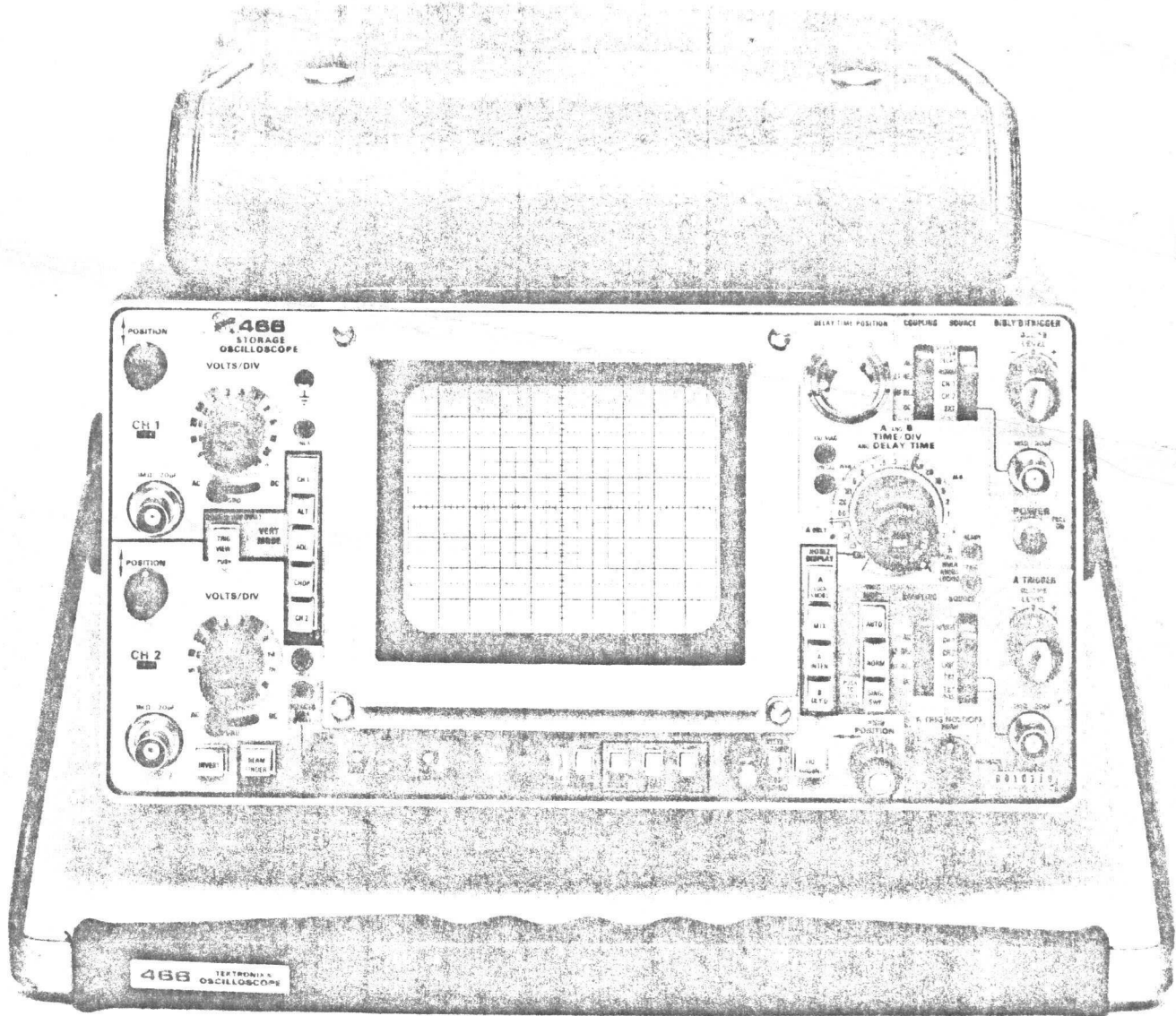


IR. L. VALKONET
ONTW. OSC. BZN. - RAF 4

Storage

TEKTRONIX®

TWEE NIEUWE PORTABLES MET STORAGE
TYPES 466 EN 464



PRIJZEN, excl. BTW

466.....	f.	14.420,--
466 Opt. 4 (EMI Protection).....	+ "	280,--
466 Opt. 5 (TV Trigger).....	+ "	375,--
466 Opt. 7 (DC-AC Inverter).....	+ "	280,--
464.....	"	12.360,--

SUMMARIZED 466 and 464 CHARACTERISTICS

(All apply to both instruments, except as noted)

VERTICAL DEFLECTION (2 Identical Channels)

Display Modes-- Ch1, Ch2 (norm or invert);
Alt; Chopped; Added; X-Y

Bandwidth (-3dB down) and Risetime (5 div ref) at all deflection factors from 25Ω source--DC to 100 MHz, < 3.5 ns (15°C to +40°C). Bandwidth may be limited to approx 20 MHz by limit switch.

Deflection Factor--5 mV/div to 5 V/div in 10 calibrated steps (1-2-5); accurate within 3%; variable between steps, to approx 12.5 V/div.

Input R and C--1 MΩ within 2%, approx 20 pF.

HORIZONTAL DEFLECTION

Time Base A--0.05 μs/div to 0.5 s/div in 22 calibrated steps (1-2-5). X10 MAG extends sweep to 5 ns/div.

Time Base B--0.05 μs/div to 50 ms/div in 19 calibrated steps (1-2-5). X10 MAG extends sweep to 5 ns/div.

Variable Time Control; Time Base A--Provides continuously variable uncalibrated sweep rates between steps, to at least 1.25 s/div. Warning light indicates uncalibrated setting.

Horizontal Display Modes--A Only, Mixed Sweep, A Intensified, B Delayed.

Time Base A Sweep Modes--Auto, Normal, Single Sweep. Lights indicate sweep triggered, single sweep ready.

Time Base B Sweep Modes--B Starts After Delay; B Triggerable after Delay.

Calibrated Mixed Sweep--Displays A for period determined by DELAY-TIME POSITION, then displays B for remainder of sweep. Accurate within 2% plus A & B portions.

Calibrated Sweep Delay--Continuously Variable from 0.2 μs to at least 5 seconds.

CRT--Internal graticule with variable illumination; 8 x 10 div 0.9 cm/div (normal); 8 x 10 div 0.45 cm/div (reduced scan).

STORED WRITING SPEEDS

	466	464	Storage* View Time
<u>Full Scan</u>			
Fast	150 div/μsec	110 div/μsec	> 15 sec
Variable	0.5 div/μsec	0.5 div/μsec	> 15 sec
Persistence			

Storage*
View
Time

	466	464	
<u>Reduced Scan</u>			
Fast	3000 div/μsec	Reduced Scan	> 15 sec
Variable	3 div/μsec	not available	> 15 sec
Persistence		on 464	

*At full stored display intensity; can be extended at least 25X using reduced intensity in SAVE Display Mode.

TIGGER SENSITIVITY

Trigger Mode	To 25 MHz	At 100 MHz
DC	Internal	0.3 div deflection
	External	1.5 div deflection
	External ÷ 10	50 mV
AC	Requirements increase below 60 Hz	
AC LF Reject	0.5 div with requirements increasing below 50 kHz	
AC HF Reject	0.5 div with requirements increasing below 60 Hz and above 50 kHz.	

Power Requirements--Quick-change line voltage selector provides six ranges: 110 V, 115 V, 120 V, 220 V, 230 V, and 240 V.

Dimensions--	in	cm
Height	6.2	15.7
Width (with handle)	12.9	32.8
Depth (with panel cover)	21.7	55.0
Depth (handle extended)	23.7	60.0
Net Weight (with panel cover and accessories)	30 lb	13.6 kg

Included Accessories--2 P6062A probe packages; accessories pouch, CRT light filter, adapter, ground wire.