

**SCHEMATIC DIAGRAM
AND
PARTS LIST**

B&K PRECISION

Model 1405

**5 MHz
OSCILLOSCOPE**

SCHEMATIC SYMBOL	DESCRIPTION	B&K PART NO. *
SWITCHES		
S1	Rotary, "V. Atten"	083-199-9-001
S2	Rotary, "Sweep Range"	083-145-9-001
S3-6	Slide	084-022-9-002
MISCELLANEOUS		
	CRT	230-011-9-001
	Fuse, .5A, 3AG	
	Foot, Rubber	381-054-9-001
	Handle, Carrying	746-039-9-001
	Knob, Small	751-120-9-004
	Knob, Large	751-124-9-002
	Line Cord	420-013-9-001
	Neon Lamp	401-014-9-001
	Power Transformer	065-122-9-001

* Where B&K-Precision part number does not appear after part description, part should be available from your local parts supplier.

NOTE: Standard value resistors are not listed. Values may be obtained from schematic diagram. Minimum charge \$5.00 per invoice. Orders will be shipped C.O.D. unless previous open account arrangements have been made or remittance accompanies order. Advance remittance must cover postage or express charges. Specify serial number when ordering replacement parts.

B&K PRECISION DYNASCAN CORPORATION
6460 W. Cortland Street, Chicago, Illinois 60635

SCHEMATIC SYMBOL	DESCRIPTION	B & K-PRECISION PART No.
Parts List 1488-238-9-002		
RESISTORS AND CONTROLS		
R129, 130	3.9K Ω , 3W, $\pm 5\%$, Metal Film	011-003-5-392
R149, 150	22K Ω , 2W, $\pm 5\%$, Metal Film	011-002-5-223
R153	820 Ω , 3W, $\pm 5\%$, Metal Film	011-109-9-001
R154	680 Ω , 2W, $\pm 5\%$, Metal Film	011-002-5-681
R155	470 Ω , 3W, $\pm 5\%$, Metal Film	011-003-5-471
VR1	2K Ω , 0.1W, $\pm 20\%$, Carbon Pot	008-267-9-001
VR2	500 Ω , 0.1W, $\pm 20\%$, Carbon Pot	008-267-9-002
VR3	10K Ω , 0.1W, $\pm 20\%$, Carbon Pot	008-267-9-003
VR4	1M Ω , 0.1W, $\pm 20\%$, Carbon Pot	008-194-9-002
VR101	4.7K Ω , 0.15W, $\pm 20\%$, Trimpot	008-155-9-002
VR102	1K Ω , 0.15W, $\pm 20\%$, Trimpot	008-155-9-005
VR103, 104	1M Ω 0.15W, $\pm 20\%$, Trimpot	008-267-9-004
CAPACITORS		
C1	0.1 μ F, 630V, Oil	
C6, C7	0.47 μ F, 630V, Oil	
C107	1 μ F, 50V, Non-Polarized Electrolytic	
C108	1 μ F, 63V, Electrolytic	
C111	10 μ F, 25V, Electrolytic	
C114, 115	47 μ F, 250V, Electrolytic	
C116, 118	220 μ F, 25V, Electrolytic	
C117, 119	220 μ F, 50V, Electrolytic	
C120	100 μ F, 25V, Electrolytic	
C123	0.1 μ F, 2KV, $\pm 10\%$, Oil	
C124, C125	0.1 μ F, 1KV, $\pm 10\%$, Oil	
C126	0.1 μ F, 2KV, $\pm 10\%$, Oil	
C127	100 μ F, 50V, Electrolytic	
TC101, 102	10pF, Ceramic Trimmer	028-032-9-004
TC103	50pF, Ceramic Trimmer	028-020-9-001
DIODES AND TRANSISTORS		
D101	1N60	150-001-9-005
D102, D103	VO8J	151-028-9-006
D104	Bridge Rectifier, S1QB60	157-006-9-001
D105, D106	Zener, WZ-150	152-070-9-001
D107, D108	Hi Voltage, HVT-22Z-3	151-041-9-001
D109	Zener, WZ-081	152-070-9-002
D110	Silicon, 1S1555	151-028-9-007
Q101-103	FET, 2SK30A-O	182-026-9-001
Q104-109	NPN, 2SC535-B	176-036-9-001
Q110, 111	NPN, 2SC1507	176-055-9-006
Q112, 113	NPN, 2SC458-C	176-048-9-002
Q114	FET, 2SK30A-O	182-026-9-001
Q115, 116	NPN, 2SC1507	176-055-9-006

**COMPOSITE
499-164-9-001**

