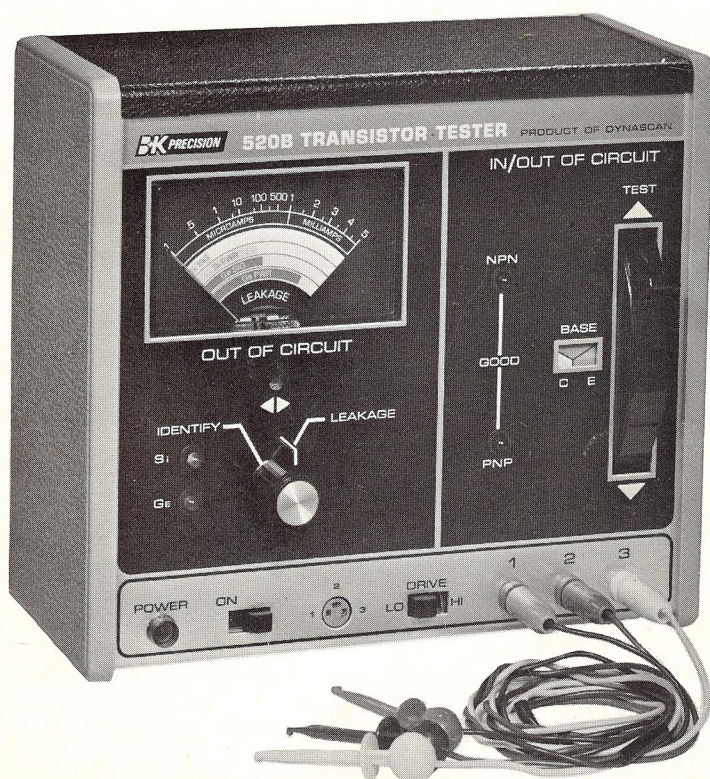


INSTRUCTION MANUAL

BK PRECISION 520B

TRANSISTOR TESTER



BK PRECISION DYNASCAN
CORPORATION

BRIEF SUMMARY OF WHAT THE 520B WILL DO

1. Determines good or bad transistors, FET's or SCR's, in or out-of-circuit.
2. Determines good or bad diodes in or out-of-circuit.
3. Identifies Emitter-Base-Collector leads of transistors.
4. Identifies gate lead of FET's.
5. Indicates polarity of good devices (NPN or PNP; N or P Channel).
6. Identifies Cathode-Gate-Anode leads of SCR's.
7. Indicates whether SILICON or GERMANIUM.
8. Measures I_{CES} or I_{BES} of transistors.
9. Measures I_{DSS} and gate leakage of FET's.
10. Measures reverse leakage current of diodes.
11. Determines whether device is transistor, FET or SCR.

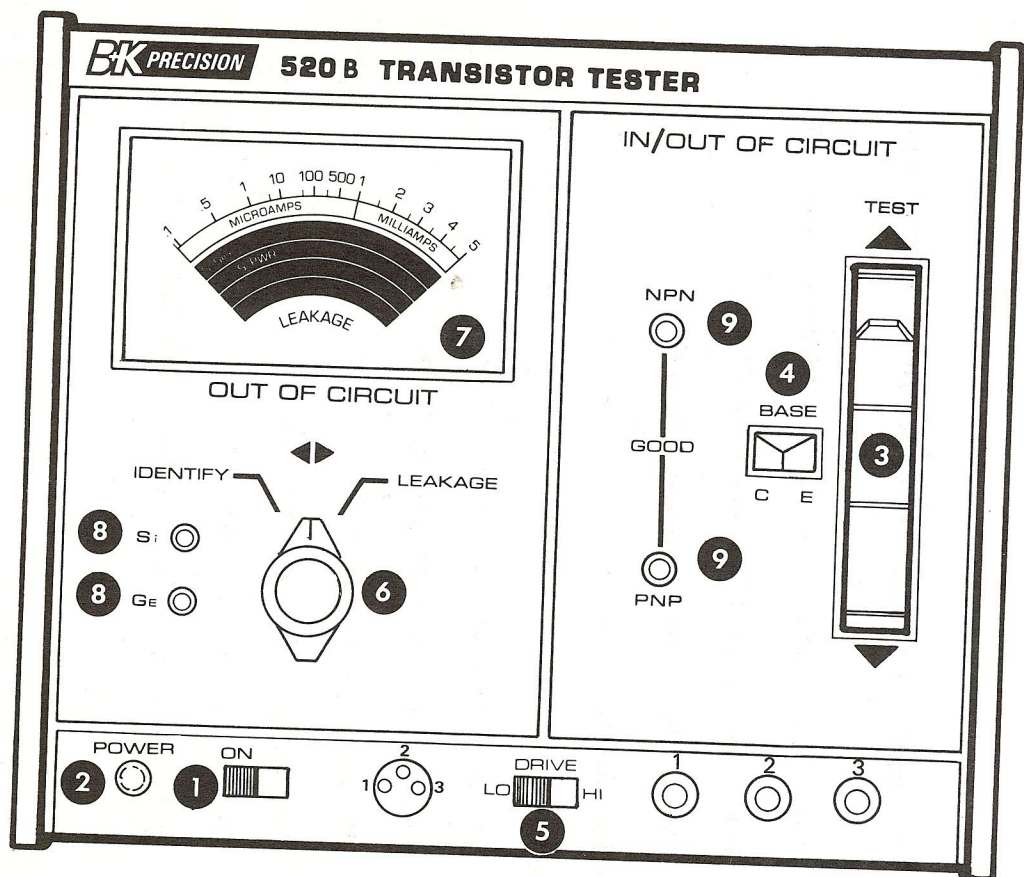


Fig. 1. Front panel showing controls and indicators.

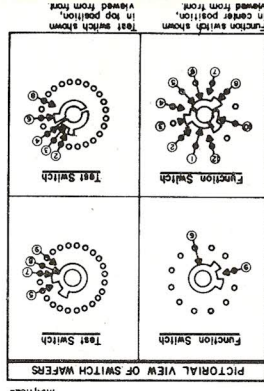
BK PRECISION
MODEL 520B
TRANSISTOR TESTER
 488-156-9-001

ALL RESISTORS ARE 1/4 W. 5% DEPOSITED CARBON.
 ALL CAPACITORS SHOWN IN MICROFARADS.
 TITLES IN RECTANGLES SHOWN IN MICROFARADS.
 SCHEMATIC SUBJECT TO CHANGE WITHOUT NOTICE.
 ± = COMMON GROUND.
 // = CHASSIS GROUND.

NOTES (UNLESS OTHERWISE SPECIFIED):

CIRCUIT SYMBOLS:

LAST USED	NOT USED
R 59	C 10
D 14	C 5
Q 19	



TEST SWITCH LEGEND:

SI	POSITION	COLOUR PATTERN IN IDENTIFICATION WINDOW
1	1	B Y
2	2	B Y
3	3	B Y
4	4	B Y
5	5	B Y
6	6	B Y

SI is shown in top position (position 1).

