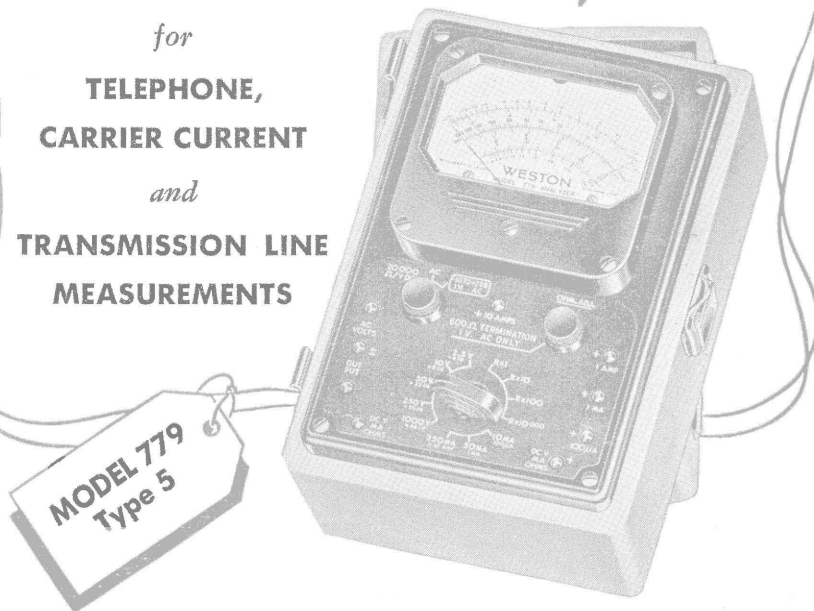


# A Weston Analyzer

for  
**TELEPHONE,  
CARRIER CURRENT  
and  
TRANSMISSION LINE  
MEASUREMENTS**



**H**ERE IS a complete, "all-in-one" test instrument which provides complete testing facilities for maintenance of telephone and carrier current circuits from the central station to the subscriber desk set. DBM readings, in addition to normal a-c voltage, d-c voltage, current and resistance ranges are included.

This new analyzer, Model 779, Type 5 has been designed in cooperation with telephone and railway signal engineers to measure low level speech circuits with a minimum disturbance of these circuits. The instrument is ungrounded and requires no external source of power for operation. This eliminates all problems of unbalance on transmission lines or signal circuits. The a-c response is essentially flat to 50KC within 1 db over the range -20 to +22 dbm and is usable for comparative db readings at all common carrier current frequencies above 50KC.

Ask your local Weston representative for complete information on this new communication tester, or write Weston Electrical Instrument Corporation, 587 Frelinghuysen Avenue, Newark 5, New Jersey.

## NINE OUTSTANDING FEATURES!

1. DBM Readings at Carrier Current Frequencies.
2. Readings to -20 dbm.
3. Line Bridging.
4. Line Terminating (600 Ohms).
5. Temperature Compensated 0 to 110°F.
6. Ungrounded Self-Powered Unit.
7. Long 3.6" Scale-Arc Calibrated in 1/2 db Steps.
8. Complete a-c Voltage and d-c Voltage, Current and Resistance Ranges.
9. Compact, Portable, Lightweight.

Union Pacific at Chicago as a printer mechanic and telegrapher in 1936, and was promoted to assistant manager in 1938. Mr. Buck entered service as a telegrapher at Evanston, Wyo., in 1904, and was transferred to Chicago as an operator in 1919. He was made assistant manager in 1930 and manager in 1938.

**T. B. Thompson**, special engineer in the signal department of the Illinois Central, with headquarters at Chicago, has been appointed assistant signal engineer, a new position, with the same headquarters, reporting to H. G. Morgan, signal engineer. Mr. Thompson was born December 31, 1908, at Carbondale, Ill. In 1931 he was graduated from the Southern Illinois University at Carbondale, and in 1938 secured a Masters of Science degree at the University of Illinois. In 1940 he



**T. B. Thompson**

completed an additional year of study in the School of Electrical Engineering at the University of Illinois. Starting in 1928, Mr. Thompson worked during summer months for the Illinois Central as a signal helper, and in 1939 became employed in the same capacity, being promoted to wireman in 1940, and to draftsman in the signal engineer's office in 1941. In 1942 he was assigned as chief operator of the rail detector car, and in 1945 was promoted to supervisor of the system rail detector cars. Mr. Thompson was further advanced to special engineer, signal department, in May, 1946, which position he held until his recent promotion to assistant signal engineer.

Wayne S. Mitchell, chief signal inspector on the Pittsburgh & Lake Erie district of the New York Central, with headquarters at Beaver, Pa., has retired after 44 years of service. Joseph J. Eash, formerly assistant office engineer, signal-electrical department, at Pittsburgh, Pa., succeeds Mr. Mitchell.

**D. D. Thompson** has been appointed supervisor communication on the New York, New Haven & Hartford, with headquarters at New Haven, Conn. Mr. Thompson's appointment follows earlier changes involving the abolishment of the positions of general superintendent of electric transmission and communications

# WESTON Instruments

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