A NEW METALS COMPARATOR

With the new test head for the metals comparator, you can quickly and easily measure the depth of case hardness of wearing surfaces, such as machine-tool beds.

When one day during World War II a truck driver delivered at the Ft. Wayne G-E Works 25,000 motor shafts, mistakenly intermixed, he started G-E engineers on the development of an important new instrument for industry.

To separate the shafts, Ft. Wayne engineers rigged up an oscillator, multi-winding transformer, amplifier, and an oscilloscope, and then identified each shaft by comparing its wave pattern with the known wave patterns of the different kinds of steel used. Realizing the importance to industry of such equipment, G-E engineers developed a compact metals comparator for both ferrous and non-ferrous metals.

MAINTAINING QUALITY CONTROL To help maintain the high quality of your product, use the comparator to measure the depth of case hardening, to determine changes in plating thickness, and to assure the use of specified metals. The instrument does not mar or damage the material examined.

A G-E INSTRUMENT FOR YOUR PROBLEM G-E engineers may be able to help you solve your measuring or testing problems by recommending one of the many available G-E instruments. Your problem, if it is common to industry, may even justify developing a new instrument. Write today for information. Apparatus Department, General Electric Co., Schenectady, N. Y.