Scoring Examinations
THE ELECTRICAL WAY

FOR SCHOOLS • COLLEGES • PUBLIC PERSONNEL AGENCIES
The International Test Scoring Machine is a device that removes the burden and much of the expense involved in the accurate scoring of examinations.

It is designed specifically for use in educational, business and governmental institutions where tests of the objective type are used in measuring academic achievement, mental traits, aptitudes, personality, vocational interests, and other areas necessary for the guidance or placement of students and personnel.

Large numbers of objective tests . . . requiring "true or false" answers, or the selection of one from among several suggested answers to each question . . . are scored mechanically in a mere fraction of the time required by hand.

A machine operator scores tests at a rate of from 400 to 800 an hour. No more time is required to score a sheet of 200 answers than for one of 5 or 10.

A single answer sheet provides sufficient space for answers on several different subjects, three of which may be scored with one insertion.

A glance at the meter reveals the score . . . an accurate total of the right answers . . . the number wrong . . . or the difference between the two. The turn of a control switch puts the scores into the terms desired . . . even into percentage figures.
Black pencil lead is made from graphite. When this substance is deposited on paper in a pencil mark, it will conduct electricity. It is on this principle that the International Test Scoring Machine operates.

Questions are answered for mechanical scoring merely by placing heavy pencil marks in numbered positions on special answer sheets. When an answer sheet is dropped into the machine, the pencil marks are pressed against a series of electrical contacts. Each mark closes a circuit to allow a controlled amount of current to flow. The current flowing through all the right answer marks registers on the meter as total rights, and that flowing through the wrongs appears as the total, fraction or multiple of wrongs. Final scores are produced according to the setting of a control switch.

INTERNATIONAL BUSINESS MACHINES CORPORATION

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