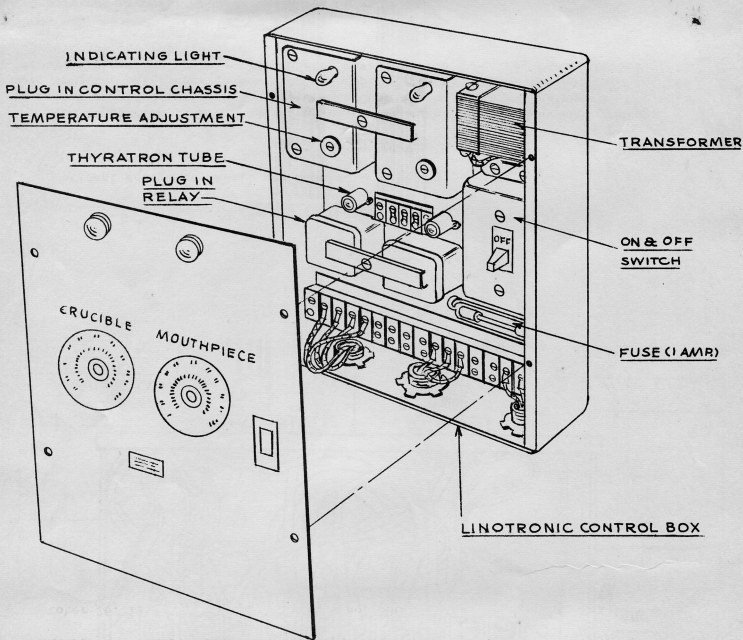


LINOTYPE IMPROVEMENT INFORMATION SHEET

NO. 337



LINOTRONIC TEMPERATURE CONTROL

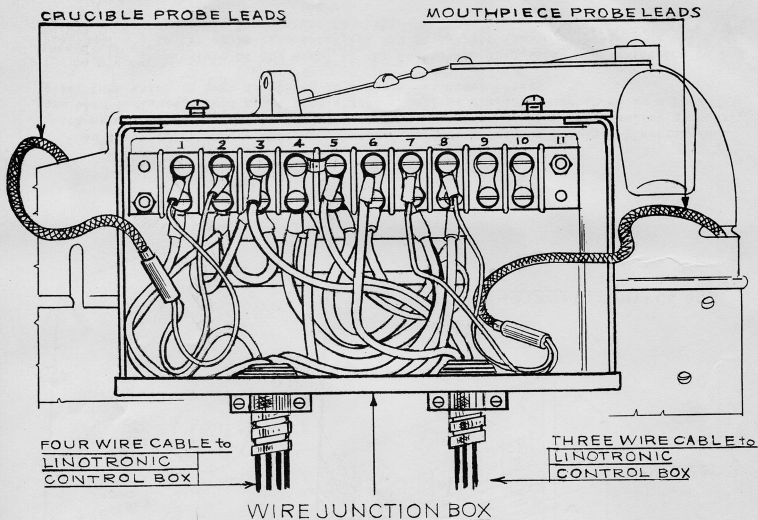
An electronic temperature control for Alternating Current Linotype Electric Pots which makes use of a crucible and mouthpiece temperature sensing unit (called a probe), has been designed. This probe consists of a coil of platinum wire fused in a pyrex glass tube which in turn is placed in a stainless steel tube.

As the temperature of the metal or the mouthpiece increases, the resistance of the platinum wire in the probe also increases and it is this change of resistance which operates the Linotron Temperature Control.

There are no liquids to expand or contract and because there are no moving parts except the hermetically sealed relay, the control will maintain its temperature control accuracy indefinitely. Each control chassis, relay and thyatron electronic tube is of the plug-in type for easy insertion and removal. The same parts are used in both crucible and mouthpiece circuits.

(over)

No. 337



(Continued)

APPLIED IN FACTORY TO MODELS

Optional equipment on all new models.

OUTSTANDING MODELS

Can be applied to all outstanding Linotypes with Electric Pots 6001 and up. Equipment supplied includes the Linotronic Control Box which is fastened to the mold gear arm, the wire junction box which is applied to the side of the pot, and the two temperature sensing probes. In ordering give model of Linotype, serial number of the electric pot and voltage used.

MERGENTHALER LINOTYPE COMPANY, Brooklyn, N.Y.

October 26, 1959

No. 337

Printed in U.S.A.