



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

G-75-1

OTTAWA February 27, 1975.

CANADIAN METER COMPANY LIMITED, MODEL 620 SERIES
BATTERY OPERATED CHART DRIVES

This approval is supplementary to that of Circular G-75, dated February 19, 1971.

Apparatus

Model	620-1	620-2	620-3	620-4
Rotational period	24 hrs	7 days	8 days	31 days

Common to all models

Power supply	1.5 volts "D" flashlight cell
Minimum operating voltage at 21°C	0.7 volts
Power consumption	approx. 150 ma. for 10 sec. every 25 minutes
Approved ambient temperature range	-28°C * to +50°C
Rotation	Counter-clockwise
Hub	.219" dia.
Mounting	3-hole

* Note: For temperature below +10°F (-12°C) an alkaline cell must be used.

Description

The mechanism consists of a spring and a jewelled clockwork, manufactured in Switzerland by Societe Industrielle De Sonceboz. The spring is wound electrically every 25 minutes by a d.c. motor powered by a 1.5 volt dry cell. Clockwork and battery are connected via a 9 inch flexible cable and a screw type plug. The battery is stored in a plastic covered aluminum case. Various chart speeds are obtained by means of different gear trains between the spring drive and the output shaft.

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The chart drive, described in this circular, will be identified by an aluminum foil label, as indicated in the sketch.

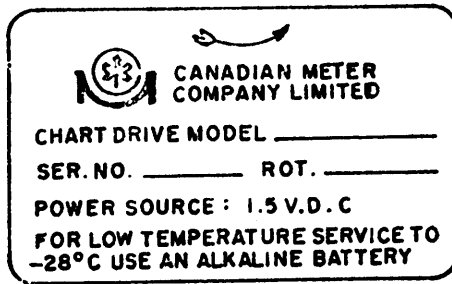


Chart drives not having this designation and approved in Circular G-75 may not be used at ambient temperatures lower than -20°C (-4°F).

This approval covers the use of this chart drive mechanism in any suitable, approved apparatus used for billing purposes and requiring a timing device.

Approval granted to:

Canadian Meter Company Ltd.,
Milton, Ontario and Edmonton, Alta.

J. L. Armstrong
Chief, Standards Laboratory,
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