



Consumer and  
Corporate Affairs

Consommation et  
corporations

Standards

Normes

**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

G-85-1

July 25, 1979  
Ottawa, \_\_\_\_\_

Mercury Instruments, Inc.  
Digital Index

This approval supersedes Notice of Approval G-85,  
dated December 16, 1971.

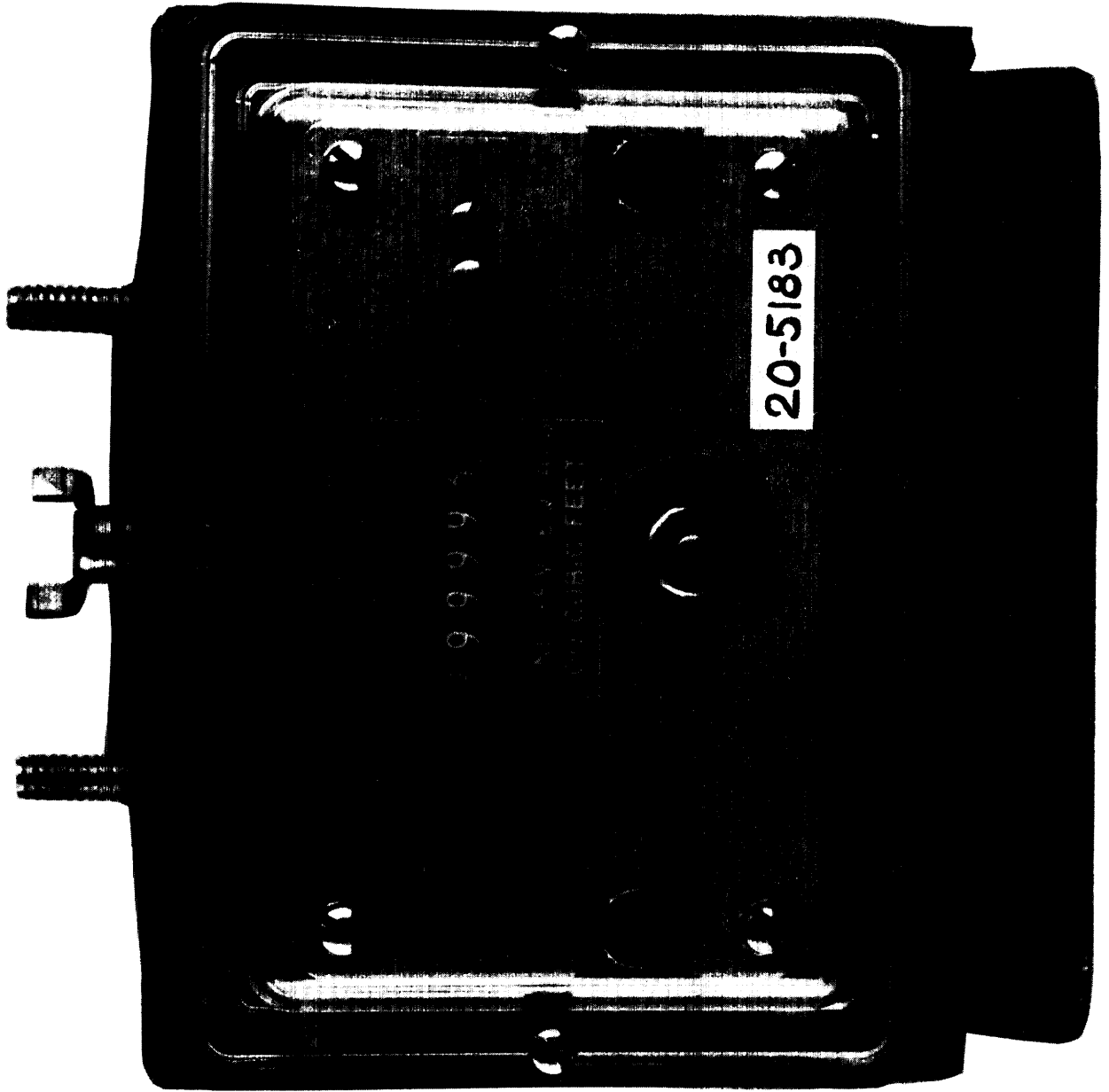
Description

The digital index shown on the photograph in this circular is interchangeable with previously approved clock type indexes used in conjunction with Mercury Instruments Inc. approved auxiliary devices. This digital index cannot be used with instruments where the shafts of the clock type indexes are fitted with cams for driving volume pen linkages, and at the present instrument models 831, 832, 1231 and 1232, approved in Circular G-55-1 cannot be equipped with digital indexes.

The gears of the eight (8) digit counter are made of Delrin and the counter has a code mark 0L07N. There is an adjustable sliding counter mask which always covers the last digit but may be adjusted to cover up to three last digits. Directly above the cyclometer counter, on the face of the register, a decal shows the appropriate multiplier for the volume read-out in cubic feet. The multiplier may have a value of 10, 100 or 1 000.

The digital index has a clock type test hand, whose dial capacity is marked on a decal directly above the dial and may have the value of 5, 10, 100 or 1,000 cubic feet per revolution. In addition, the right hand corner of the face of each digital index is marked with a part number distinguishing the test dial capacities as follows:

MERCURY INSTRUMENTS, INC. DIGITAL INDEX NO. 20-5183



Digital Index  
Test Dial Capacity

Index Part Number

5 cu ft	20-4949
10 " "	20-5182
100 " "	20-5183
1000 " "	20-5187

Each register must be properly matched to the capacity of the meter's output shaft, which must be the same as the test dial capacity.

To guard against a mismatch involving indexes having 5 cu. ft. and 10 cu. ft. capacity test dials, all indexes with 5 cu. ft. test dial capacity are marked in the lower left hand corner of the face with inscription "5' DRIVE ONLY".

Approval granted to:

Baker Instruments, Ltd.  
Thornhill, Ontario  
and  
Foothills Industrial Products, Ltd  
Calgary, Alberta.



D.L. Smith,  
Chief,  
Electricity & Gas Division.

Ref: G6635-M7-40

