



## A SINGLE OBJECTIVE

*Economy*

## A SINGLE RESPONSIBILITY IN ACHIEVING IT

The Republic Flow Meters Co. offers a complete manufacturing and engineering service in the field of measurement and control. We will be glad to co-operate with you in the solution of any metering or control problem, whether it involves a single instrument or the automatic control of an entire process or plant. Your inquiries will involve no obligation on your part.

**ELECTRICAL FLOW METERS.** For metering the flow of steam, water, gas, air, oil, brine, etc. The reading instruments, indicator, recorder and integrator, are remote reading and can be supplied singly or in any combination desired.

**MECHANICAL FLOW METERS.** A simple mechanical meter, indicating, recording and integrating the flow of fluids.

**CO<sub>2</sub> METERS.** Provides a continuous record of per cent CO<sub>2</sub> in flue gas measured by the orsat method. Furnished with either mechanical or remote reading indicator and recorder.

**DRAFT INSTRUMENTS.** Indicating or recording types in single or multiple units. Furnished in all standard ranges of draft and pressure.

**THERMOMETERS.** A long distance, expansion type thermometer with either single or multiple pen recorder.

**LIQUID LEVEL INSTRUMENTS.** Remote reading indicators and recorders. Also provided with various types of alarm and control devices.

**MULTI-POINT INDICATORS.** Will indicate, on separate horizontal scales from two to sixteen units of draft, pressure, flow, temperature, CO<sub>2</sub>, etc., in any combination desired.

**MULTIPLE RECORDERS.** Will record on a wide strip chart, from three to six separate records of flow,

temperature, CO<sub>2</sub>, pressure, etc., in any combination desired.

**PANEL BOARDS.** Master instrument and control panels are designed and built for any combination of instruments and controls desired.

**BOILER CONTROLS.** A centralized, automatic system for controlling steam pressure, combustion, furnace pressure, excess pressure, boiler level, etc. Automatically regulates the fuel and air input to a boiler in measured proportions and in a fixed ratio for the entire load range.

**DESUPERHEATERS.** A venturi type desuperheater wherein the rate of water flow is controlled by the steam flow in correct proportion to reduce the steam temperature to the degree desired.

**REGULATING VALVES.** Turbine type valves designed for regulating the pressure and flow of liquids and gases including high pressure superheated steam. Built in accordance with A.S.A. standards for all pressures up to 1,500 lbs. per sq. in.

**REGULATORS.** For the automatic control of pressure, draft, rate of flow, rate of fuel feed, speed of rotation, liquid level, etc. For proportioning two pressures or flows. Regulators may be either air or oil operated.

**STEAM ACCUMULATORS.** Designed and built to meet your specific requirements for the storage of high and low pressure steam.

DESCRIPTIVE DATA BOOKS MAILED UPON REQUEST



**REPUBLIC FLOW METERS CO.**  
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