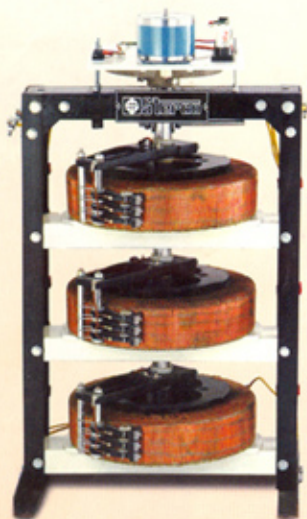
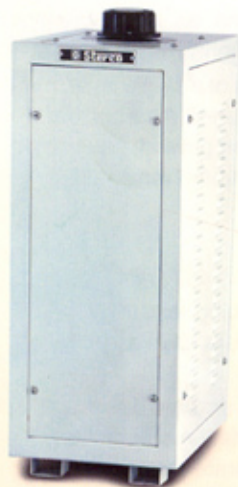




**FROM 2 TO 1200 AMPS.
SINGLE PHASE / THREE PHASE**



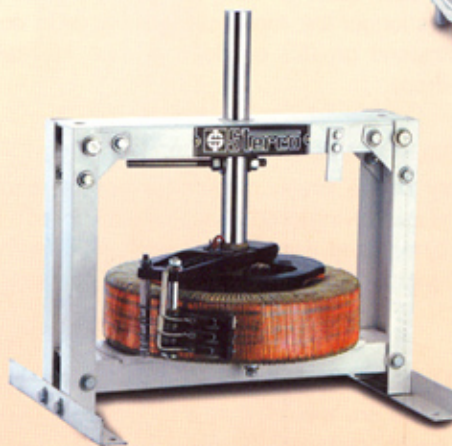
3 phase variac
motorised



3 phase variac hand
operated (enclosed)



Single phase variac
motorised



Single phase variac



10 AMPS hand
operated variac



4 AMPS hand
operated variac

Auto Variable Transformer

INTRODUCTION :

STERCO product line includes variable transformers, the most versatile and reliable voltage controls available. Variable transformers have many industrial and laboratory applications as basic components to control voltage, current, power, heat, speed, light, and electromechanical force.

A basic Variable Transformer consists of a single layer, magnet wire winding on a toroidal core of laminated silicon steel. A carbon brush, connected to an output lead, is rotated over a precision ground, plated commutator track to tap off voltage at any turn from zero to the maximum output voltage of the winding.

EFFICIENCY & DISTORTION LESS VOLTAGE CONTROL :

In contrast to inefficient, wattage-burning resistive-type controllers such as rheostats, **Sterco** Variable Transformers have an extremely low power loss and efficiencies as high as 98%.

Sterco Variable Transformers deliver any desired voltage (within the transformer rating) with negligible variation in output voltage from no-load to full-load current. It produce an accurate transfer of input wave to output circuit, providing distortion less voltage control (a requisite of many sophisticated electronic applications).

PLATED COMMUTATOR SURFACE :

The commutator surface of each coil is specially plated with precious metal, giving **Sterco** commutators longer life, increased resistance to corrosion and the capacity to withstand greater overloads (while maintaining a constant contact voltage drop).

LONGER LIFE WITH NEGLIGIBLE MAINTENANCE :

Precise design assembly of the brush provides excellent mechanical performance, long life, and low-driving torque. Brush replacement is seldom needed and it can be easily replaced, if required. Due to high safety margins of voltage, current-carrying capacity and dielectric strength, longer life of the unit can be expected.

RUGGED MECHANICAL CONSTRUCTION :

Sterco Variable Transformers are precision built to exacting mechanical tolerances using the finest materials available. Quality assurance inspections are performed to insure that the high designed-in quality is maintained throughout the manufacturing cycle. A Sterco Variable Transformer provides accurate, reliable and lasting voltage control for a broad variety of applications.

Note: We reserve the right to change design and modify specifications of the discretion of our technical department.

OUR OTHER PRODUCTS

- * Servo Voltage Stabilizer
- * A.C. Arc Welders
- * D.C. Welding Rectifier
- * Rocker Arm Spot Welder
(Pedal / Pneumatic)
- * Wire/ Strip Butt Welder.
- * Band Saw Butt Welder.
- * Heating/Annealing
equipment.
- * Electroplating Rectifier.
- * All type of Welding
Accessories & Gas
Welding Equipments

Manufactured By :

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