



Motor Stators

Centronic produces motor stators in various sizes from sub-miniature to medium. Used mainly as the driving force for gyroscope motors, these are produced to suit a wide range of systems.

The selection of stators shown are used in a variety of gyroscope motors for vertical and rate gyroscopes.



Transformers

These are produced in a wide range to suit customer requirements. Transformers can be bobbin based with laminations or ferrite cores. Impregnation can be achieved via air dry varnish or vacuum pressure system and oven cured. The mounting styles can be bracket, channel frame, PCB mounted or base mounting.



Commutator Assembly

Centronic wind commutators to customer specifications. These commutators are rotary electrical switches that in certain electric motors or generators periodically reverse the current direction between the rotor and the external circuit. In a motor, it applies power to the best location of the rotor, and in a generator, picks off power similarly. As a switch, it has exceptionally long life, taking into account the number of circuit makes and breaks that occur during the normal operation cycle.

Motor Assembly

Centronic has the capability to manufacture complete motor and associated assemblies. With clean room facilities to class 1000 and full environmental chambers to cover any temperature cycle requirements, we can meet the most stringent demands set by our customers.

