

CONTHERM *Scientific Limited*

TECHNICAL MEMORANDUM

PRODUCT :CAT 608R

No : 0085

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FROM : Contherm Scientific Ltd

DATE : 1/3/2004

TO : ALL AGENTS

SUBJECT: R608R PLATFORM BRUSH MOTOR LIFE

There have been instances where a build up of carbon inside the platform motor has caused the RCD device to trip.

The life of the Platform motor brushes on a CAT608R orbital Incubator is largely determined by the speed of the platform rotation and the length of time the motor is running. The platform motor brushes should be checked at least every 2000 running hours (about 3 months of continuous use) and any buildup of carbon dust inside the motor cleaned out. If the length of either of the carbon brushes is less than 10mm (carbon length only), the brushes should be replaced as a pair.

If the duty cycle is such that the unit is in continuous operation the expected brush life is about 12months.

The Contherm Part No for a set of brushes is: **P2200**