

# Calibration Procedure - KM820/V

## Verifying Infra-Red Non contact thermometers

- Insert the reference thermometer probe (e.g. KM20Ref) fully into one of the holes in the Validator.
- Allow the instruments to stabilise to environment conditions.
- Switch on both instruments after stabilisation period.
- Point the Infra-Red thermometer at the base of the Validator while ensuring the nozzle is as far inside the Validator cup as is possible. Note the variation. (acceptable error 2.5°C)

## Verifying Contact Thermometers

- Insert the reference thermometer probe (e.g. KM20Ref) fully into one of the holes in the Validator.
- Insert the probe of the Instrument being verified fully into the other hole in the Validator.
- Allow the instruments to stabilise to environment conditions.
- Switch on both instruments after stabilisation period.
- Note the variation. The acceptance error will be dependent on the specification of the unit being verified.

**Note:** The time for the instruments to stabilise will be dependent on the validator reaching its environment temperature, which at freezer temperatures could be up to 2 hours.



Care must be exercised when handling the validator after exposure to low temperatures.