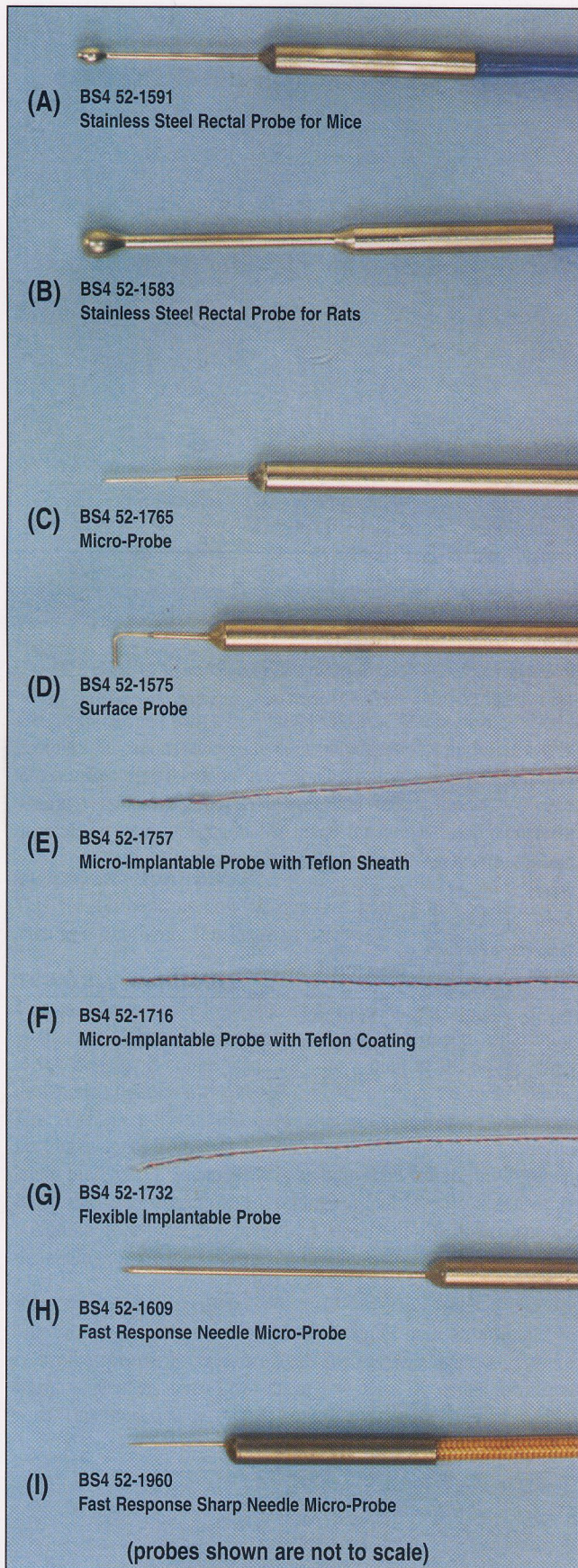


Thermometers and Probes

Thermocouple Probes

Specialized Tools For Bioresearch



(A) BS4 52-1591
Stainless Steel Rectal Probe for Mice

(B) BS4 52-1583
Stainless Steel Rectal Probe for Rats

(C) BS4 52-1765
Micro-Probe

(D) BS4 52-1575
Surface Probe

(E) BS4 52-1757
Micro-Implantable Probe with Teflon Sheath

(F) BS4 52-1716
Micro-Implantable Probe with Teflon Coating

(G) BS4 52-1732
Flexible Implantable Probe

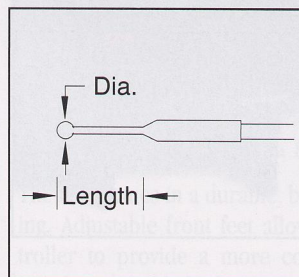
(H) BS4 52-1609
Fast Response Needle Micro-Probe

(I) BS4 52-1960
Fast Response Sharp Needle Micro-Probe

(probes shown are not to scale)

These Thermocouple Probes are made with proprietary copper-constantan thermocouple wires and are accurate to 0.1°C due to stringent wire standards. The small size of the sensor provides fast response times with time constants as low as 0.005 seconds. These Thermocouple Probes can be used interchangeably with all the Thermocouple Thermometers described on the preceding pages. No recalibration is required. These Probes can be sterilized by gas (ETO) or Cidex.

Stainless Steel Rectal Probes (A, B)

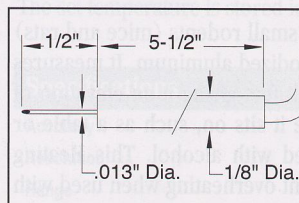


For fast intermittent measurements in mice and rats. They have a stainless steel shaft with a 1.5 m (5 ft) lead. Maximum temperature 125°C (257°F). Not isolated. Available with two different shaft sizes. Supplied individually.

Stainless Steel Rectal Probes

Catalog No.	S	Animal	Time Constant	Ball Diameter	Shaft, D x L
BS4 52-1591 (A)		Mice	0.5 sec	(0.065 in)	0.71 x 19.1 mm (0.025 x 3/4 in)
BS4 52-1583 (B)		Rats	0.8 sec	(0.125 in)	1.5 x 25.4 mm (0.059 x 1 in)

Micro Probe (C)



- Time constant 0.025 second

This Probe is for use on micro-specimens. The sensor bead slightly protrudes from the 0.33 mm (0.013 in) diameter x 12.7 mm (1/2 in) long stainless steel shaft to facilitate temperature probing. The 3.2 mm (1/8 in) diameter x 140 mm (5-1/2 in) long tubular handle fits most micromanipulators for precise positioning. The maximum intermittent temperature 200°C (392°F); continuous use 100°C (212°F). Not isolated. Supplied individually. Lead length 1.5 m (5 ft).

Catalog No.	\$	Product
BS4 52-1765		Micro Probe (C)

All Probes Are For use with :
 Portable Thermocouple Thermometer; see page D17.
 Thermocouple Monitoring Thermometer; see page D18.
 Thermocouple Temperature Controller; see page D19.
 TCAF2 System; see pages D20 and D21.