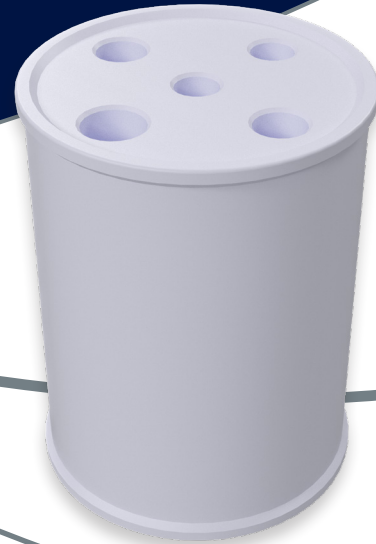


Product Datasheet

Needle Recapper

Made from natural white acetal copolymer resin, both the top and the bottom of the needle recapper are recessed. The outside wall has a non-slip textured finish to help the user grip the recapper during cleaning, etc.



The needle recapper has five different holes:

Red Hole: Insulin type syringes

Blue Hole: Blue needles

Green Hole: Green needles

Centre Hole: Spinal (Yellow) type needles

Large Hole: Miscellaneous large diameter needles

Cleaning, Disinfecting and Sterilising

Acetal copolymer resin allows machined products the ability to retain dimensional integrity, maintain stability in water and most chemicals at elevated temperatures.

Recommended sterilisation techniques for acetal include steam autoclaving (Maximum 121 Celcius cycle) and Ethylene Oxide gas.

Disinfectants and germicides generally have no effect on acetal, however, acidic solutions can degrade the polymer over the long term.

Warning: Acetal is degraded by high concentrations of Hydrogen peroxide and/or Ozone – It is therefore not suitable to be sterilised using the newer type of Hydrogen peroxide 'Vapour Phase/Plasma' sterilisers. Mild acidic solutions, over the long term, can have a detrimental effect on acetal. Strong acid solutions, e.g. >1 m HCl, may have an immediate detrimental effect.

Code	Description	Height (mm)	Diameter (mm)
1BT-NDLRECAP	Needle Recapper	65	50
1BT-NDLRECAPFILT	Needle Recapper for filter needles	65	50

Bright Technologies Ltd
Bri-Tec House, 1 Holbrook Close
Holbrook Commerce Park
Sheffield, S20 3FJ

E-mail: info@britec.net

Tel: +44 (0)114 251 1215

www.britec.net

BriTec

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Specifications

Scintillation Detector Options

A number of scintillation probes are available for sensitive contamination measurements of Alpha and Beta/Gamma radiation.

SS404 Al: Low energy gamma scintillation probe.

SS404 Be: Very low energy gamma scintillation probe.

SS440 B: Beta scintillation probe. Active Area 20 cm²

SS500: NaI (TI) 25.4 x 25.4 mm gamma probe.

SS600: A/B/AB: Alpha, beta, alpha/beta dual phosphor. Area 100 cm²

SS700: A/B/AB: Alpha, beta, alpha/beta dual phosphor. Area 50 cm²

Mechanical	
Dimensions	160 x 250 x 85 mm approx. (with stand)
Weight	1.1 kg
Units	CPS, CPM, μ Sv/hr with autorange
Display	Clear backlit LCD Display
Controls	Power, up, down, OK (menu keys)

Radiological Performance	
Range	Count rate or dose rate according to configured probe (see relevant datasheets).
Response Time	0.5 seconds Averaging: 5, 10, 15 seconds Integration time up to 24 hrs
Functionality	Rate, histogram, timed count, count to time, time remaining to dose, alpha beta discrimination (depending on probe)
High Voltage	350 - 1200V selectable in menu (can be locked)
Averaging	'Smart Averaging' provides fluid number change, whilst retaining a response time adjustable between slow, medium and fast

Geiger Müller Detector Options

SS300: Pancake Geiger for alpha, beta, gamma and X-ray radiation.

SS315: End window for alpha, beta, gamma and X-ray radiation.

SS330: Compensated pancake Geiger for ambient gamma radiation H*(10).

SS335: Compensated end window Geiger for ambient gamma radiation H*(10).

SS340: Compensated GM probe for H*(10) measurements.

Power	
Battery	Lithium Ion rechargeable Charger supplied

Battery Life Typically >12 hours continuous use

Environmental	
Operating Temperature	-10°C to +50°C
Storage Temperature	-25°C to +60°C

Compliance	
Standard Compliance	In conformity with EMC directive (89/336/EEC) as amended by Directive 92/31/EEC Low Voltage Directive (73/23/EEC), EN61326-1, EN61000-3-2, EN6100-3-3. (CE mark). Designed to meet IEC 60325-2006 and IEC 60846-2004 Nuclear Instrumentation Standards

*Dose rate probes are set up to read in μ Sv/hr by default.
For measurements in rem/hr, please specify at point of order.

Specifications are subject to change without notice.
For the most up-to-date specifications, please visit www.southernscientific.co.uk