

SkyScan micro-CT support products



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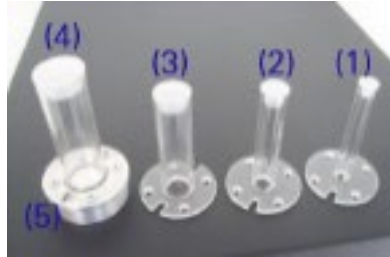
1. Sample holders, *ex vivo* scanners (1172, 1173, 1174, 1272, 1273, 1275, 2211 and 2214)

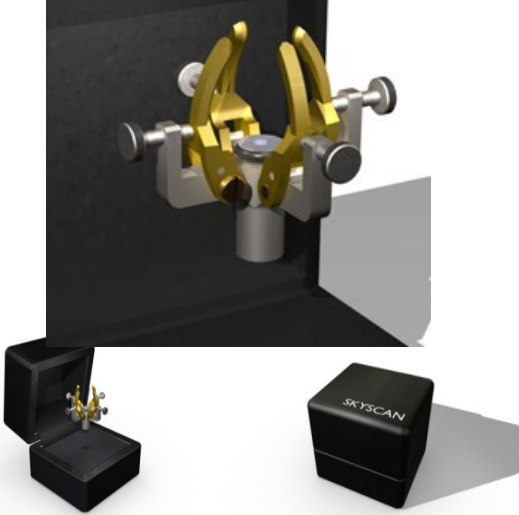
SkyScan micro-CT support products




Introduction



Micro Photonics supplies a range of *support products* to assist you with your SkyScan micro-CT scanner from Bruker MicroCT. This list does not however include the special stages with embedded microprocessor controllers (material testing stage, cooling stage, heating stage and the micro-positioning stage).

These products will significantly assist you in the mounting of samples for scanning. You should be aware that stable and symmetrical mounting of samples for scanning will enhance the quality and repeatability of scans and analysis results. Other products in this catalog include alignment pins, calibration phantoms for bone mineral density (BMD), and aluminum thickness measurement phantom.

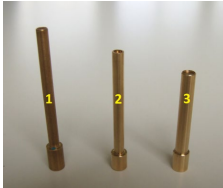

Special object holders				
Item #	Item	Description	Image	Price USD
SP-1001	Tube Holder Set	Set of plastic tube sample holders, various diameters, supported by a metal base. Tubes are 8 cm high, with internal diameters of (approx.) 6, 10, 15, 20 mm. Includes: metal base, 2 large screws (base to scanner), 4 small screws (tube to base), 4 plastic tubes, 4 plastic lids, Allen key (for set-screws), Phillips screw driver.		1,740
	Extra tubes for Tube Holder Set	Tubes are 8 cm high, with internal diameters of (approx.) 6, 10, 15, 20 mm. Tubes are provided with plastic lids. Tubes plus lids are supplied in batches of 5.		
SP-1002	Tube set (x5), 6mm	Set of 5 tubes 6mm inner diameter, with lids	See above tube (1)	1,080
SP-1003	Tube set (x5), 10mm	Set of 5 tubes 10mm inner diameter, with lids	See above tube (2)	1,080
SP-1004	Tube set (x5), 15mm	Set of 5 tubes 15mm inner diameter, with lids	See above tube (3)	1,080
SP-1005	Tube set (x5), 20mm	Set of 5 tubes 20mm inner diameter, with lids	See above tube (4)	1,080

Item #	Item	Description	Image	Price USD
	SMS Bottom	SMS Bottom (Aluminum Base)		470
SP-1010	"Spider" object mount	<p>Mount with screw-adjustable fingers to hold objects of variable geometry.</p> <p>Each "finger" is screw-adjusted to obtain a grip on any object including objects with irregular and asymmetric geometry.</p>		1,080

Item #	Item	Description	Image	Price USD
SP-1011	Holder for multiple Eppendorf tubes: small	<p>A plastic tube holder for 3 tubes, 25 ul with safe-lock lid</p> <p>This tube assembly fits onto the base of the tube holder set item 1001.</p> <p>Set of 5 tubes</p>		870
SP-1012	Holder for multiple Eppendorf tubes: medium	<p>A plastic tube holder for 2 tubes, 0.5ml with safe-lock lid</p> <p>This tube assembly fits onto the base of the tube holder set item 1001.</p> <p>Set of 5 tubes</p>		870
SP-1013	Holder for multiple Eppendorf tubes: large	<p>A plastic tube holder for 2 tubes, 2 ml with safe-lock lid</p> <p>This tube assembly fits onto the base of the tube holder set item 1001.</p> <p>Set of 5 tubes</p>		870

Item #	Item	Description	Image	Price USD
SP-1014	Large object mount	Large object mount for SkyScan 1272, 1275, 1173		1,500
Tubes to use on metal base				
	Long sample tubes for SkyScan 1275, 1173	Tubes to use on the metal base as in the tube set SP1001, but with extended length of 12cm for use with the SkyScan1275, and 1173.		
SP-1020	Tube	Tube for 5.5 micron resolution for 1173, 1275 (Height 8.5cm, inner dia. 5mm, wall thickness 1mm)		Contact Us for Pricing. Price varies depending on quantity ordered and size



Item #	Item	Description	Image	Price USD
SP-1021	Tube	Tube for 7 micron resolution for 1173, 1275 (Height 12cm ,inner dia. 6mm, wall thickness 1.5mm)		Contact Us for Pricing. Price varies depending on quantity ordered and size
SP-1022	Tube	Tube for 7 micron resolution for 1173, 1275 (Height 12cm ,inner dia. 10mm, wall thickness 1.5mm)		Contact Us for Pricing. Price varies depending on quantity ordered and size
SP-1023	Tube	Tube for 7 micron resolution for 1173, 1275 (Height 12cm ,inner dia. 15mm, wall thickness 1.5mm)		Contact Us for Pricing. Price varies depending on quantity ordered and size
SP-1024	Tube	Tube for 7 micron resolution for 1173, 1275 (Height 12cm ,inner dia. 20mm, wall thickness 1.5mm)		Contact Us for Pricing. Price varies depending on quantity ordered and size

Brass sample trays				
Item #	Item	Description	Image	Price USD
SP-1101- SP-1103	Brass rod sample bases	Brass rod stands for small samples: at the top is a recessed tray with rim. Typically modelling clay or wax is used to affix the sample.		
SP-1101	Brass rod	Base with 4mm diam., length 5.5 cm	(1, above image)	230
SP-1102	Brass rod	Base with 4mm diam., length 4.7 cm	(2, above image)	200
SP-1103	Brass rod	Base with 5mm diam., length 4 cm	(3, above image)	70
SP-1104- SP-1108	Brass tray sample base	Brass stages for larger samples, circular with peripheral rim. These can be used to mount a wide range of samples, in conjunction with a mounting material such as dental wax (SP-2000) or a suitable plasticine or modelling clay (of a type that does not harden in air and is stable at high temperatures inside a scanner).		
SP-1104	Brass tray	Base with 65mm diameter	(1, above image)	170

Item #	Item	Description	Image	Price USD
SP-1105	Brass tray	Base with 52mm diameter	(2, above image)	160
SP-1106	Brass tray	Base with 38mm diameter	(3, above image)	200
SP-1108	Brass tray	Base with 20mm diameter	(5, above image)	200
Support Products for SkyScan 2214				
		Oil-free air compressor		Contact Us for Pricing.
		Additional pre-aligned cathode assemblies with W-filaments, pack of 5		Contact Us for Pricing.
		Additional pre-aligned cathode assembly with LaB6-filament, per pc		Contact Us for Pricing.
		Additional target assembly with Tungsten target on Diamond window		Contact Us for Pricing.

2. Sample mounting accessories

Polystyrene foam animal and sample tubes

Item #	Item	Description	Image	Price USD
SP-3111-3114	Polystyrene half-tubes Sets for different scanners * Note: has to be ordered one package	<p>Expanded polystyrene tubes for (a) supporting either mice and small rats during <i>in vivo</i> scans; (b) positioning low density objects for scanning in <i>ex vivo</i> scanners; (c) Providing thermal insulation to samples such as ice or snow during scanning, or to increase temperature stability of samples. The tubes are either open half tubes (210 degree arc of circle) for supporting animals <i>in vivo</i>, or full closed tubes.</p> <p>All tubes including "closed" tubes have a narrow slit along one side due to the hot wire cutting manufacture process.</p> <p>Four scanner-specific sets of expanded polystyrene tubes are provided, with their tube inventories described below.</p>	 	






SP-3113 SkyScan 1172 / 1174 / 1272 scanners:
Expanded polystyrene tube set

Type of tube	Outer diameter	Inner diameter	Wall thickness	Length	Number
Closed tube ¹⁰	14mm	4mm	5mm	80mm	15
Closed tube ¹¹	16mm	6mm	5mm	80mm	15
Closed tube ¹²	18mm	8mm	5mm	80mm	15
Closed tube ¹⁶	20mm	10mm	5mm	80mm	15
Closed tube ³	30mm	14mm	8mm	100mm	10
Closed tube ⁴	30mm	18mm	6mm	100mm	10

200

SP-3114	SkyScan 1173 scanner: Expanded polystyrene tube set		300
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3. Calibration phantoms

Item #	Item	Description	Image	Price USD
SP-4002	Small 2-4mm BMD phantom set.	2mm-4mm diameter set (small). 2mm BMD rods are suitable for very small bones such as mouse bones; 4mm rods are applicable to rat bones. The rod pair has concentrations of 0.25 and 0.75 g/cm ³ CaHA. Also includes embedded foil thickness phantom (SP-0058)		910
SP-4003	Medium 8-16mm BMD phantom set.	8mm-16mm diameter set (medium). The rod pair has concentrations of 0.25 and 0.75 g/cm ³ CaHA. Suitable for larger bones such as rabbit, sheep, human. Also includes embedded foil thickness phantom (SP-0058)		1,600
SP-4004	Large 32mm BMD phantom set.	32 mm diameter set of BMD phantoms (large). The rod pair has concentrations of 0.25 and 0.75 g/cm ³ CaHA. Suitable for large bones such as human or large animal vertebrae. Also includes embedded foil thickness phantom (SP-0058)		1,880

Contact details for direct ordering from Micro Photonics

Micro Photonics

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Allentown PA 18104

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Fax: 610-366-7105

Email: sumita@microphotonics.com

Terms and sales conditions

Shipping FOB Destination

Sales Tax will be charged for orders in Pennsylvania and Virginia

Net 10 on Order

Contact details for direct ordering from third parties

*Kerr contact details for ordering “orthodontic tray wax”

Go to the international web site and choose your geographic region to find your local Kerr office and retailer:

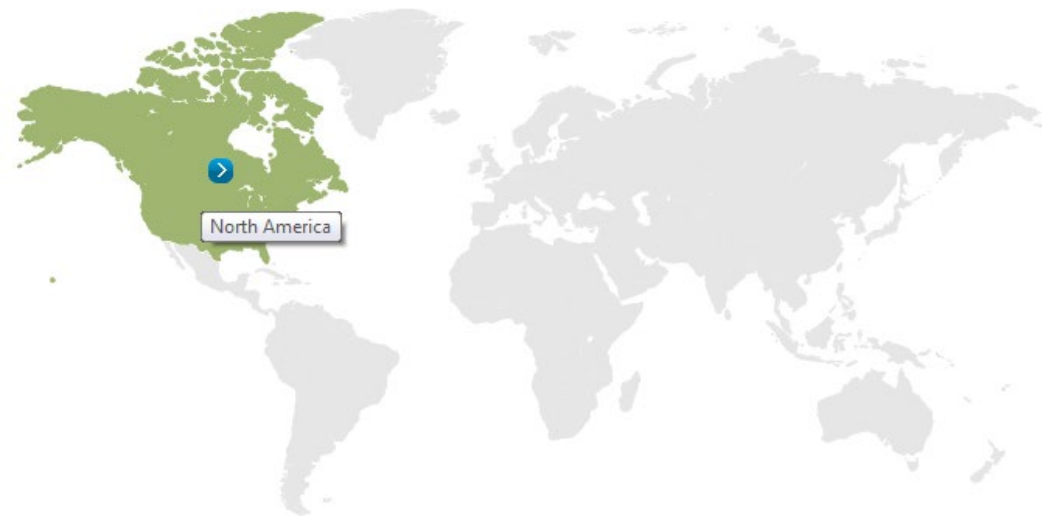
<http://www.kerrdental.eu/contact/>

In Belgium the contact for Kerr is:

Kerr Corporation
Leeuwerikstraat 29
9840 De Pinte

Tel: 0032 9 371 87 86
fax: 0032 9 371 91 42

<http://www.kerrdental.eu/contact/western-europe/benelux.aspx>



****CIRS contact details for ordering tissue phantoms 090 and 091:**

CIRS Computerised Imaging Reference Systems Inc.

2428 Alameda Ave. Suite 316

Norfolk, Virginia 23513 USA |

USA Toll Free: 800-617-1177

International: +1 757-855-2765

FAX: +1 757-857-0523

Email: admin@cirsinc.com

Web site: http://www.cirsinc.com/main_inf.html

For emails please remove “&” and add @.