

Title: Discontinuation of XSD Whole Rack Decapper Cappers	
Document No: NOC-1901	
Revision: 1	March 2019

We are writing to inform you that as part of our aim for continuous improvement and due to the availability of our **NEW** IntelliXcap range that fulfills the same functionality with additional benefits, we will be discontinuing the XSD range of automated whole rack decapper / cappers as of March 29th, 2019.

There will be a limited number of systems available for sale until September 30th, 2019, and all existing instruments in the field will continue to be fully supported until End-December 2022 *1

*1 For additional information on support/service, please reach out to your local sales or service rep

1. Affected Products:

This affects all standard part numbers 46-7501, 46-7502, 46-7503 and all variant part numbers with a suffix (for example 46-7501-101)

Part number	Description
46-7501 Or 46-7501-(suffix)	XSD-96 Automatic 96 Screw Top tube rack decapper / re-capper. With automated glide rail for integration, compatible with Fluidx and other 96 format tubes, please specify when ordering. Designed for integration with decap failure detection and error recovery.
46-7502 Or 46-7502-(suffix)	XSD-24 Automatic 24 Screw Top tube rack decapper / re-capper. With automated glide rail for integration, compatible with Fluidx and other 24 format tubes, please specify when ordering. Designed for integration with decap failure detection and error recovery.
46-7503 Or 46-7503-(suffix)	XSD-48 Automatic 48 Screw Top tube rack decapper / re-capper. With automated glide rail for integration, compatible with Fluidx and other 48 format tubes, please specify when ordering. Designed for integration with decap failure detection and error recovery.

2. Reason for change

As part of the process for continuous improvement and to provide the best support possible for all our users, we have streamlined our manufacturing sites & updated our range of automated Decapper/Capper systems.

Due to the similarity between the functionality of the XSD and the IntelliXcap, coupled with the added features and benefits of using the **NEW** IntelliXcap system, it was concluded that there will be no negative impact on customer workflows.

3. Replacement Products

The IntelliXcap units will replace the old XSD units (Part numbers below) – all variants are available immediately

Current part number	New part number
46-7501	46-8012
46-7502	46-8010
46-7503	46-8011



For a consumable compatibility list, please see Appendix 1.

4. Benefits of change

The IntelliXcap enables the user to increase their throughput by as much as 10x versus manual processing, while at the same time adding flexibility to the system, with a simple interchangeable cartridge allowing the decapping of a range of different supplier and tube types on a single system.

Changing these IntelliXcartridges can be done in as little as 2 minutes, and it is fully automatable, meaning no manual intervention or need for specialized service tools.

In addition to these improved benefits, the IntelliXcap brings a significant cost advantage, both in terms of the base unit, as well as the introduction of low-cost interchangeable cartridges.

For additional information on the benefits of the IntelliXcap system, please refer to our website below:

<https://www.brookslifesciences.com/products/fluidx-intellixcap-96-capper-decapper-screw-capped-tubes>
<https://www.brookslifesciences.com/products/fluidx-intellixcap-48-capper-decapper-screw-capped-tubes>
<https://www.brookslifesciences.com/products/fluidx-intellixcap-24-capper-decapper-screw-capped-tubes>

5. Specifications of replacement products

	FluidX IntelliXcap™ 96	FluidX XSD-96	FluidX IntelliXcap™ 24/48	FluidX XSD-24/48
Footprint (L x W x H)	465mm x 256mm x 320mm	600mm x 380mm x 440mm	465mm x 256mm x 386mm	600mm x 380mm x 440mm
Speed	whole rack cap/decap: as little as 20-30 seconds * ²	Whole rack cap/decap: 74-110 sec	whole rack cap/decap: as little as 20-30 seconds * ²	Whole rack cap/decap: 74-110 sec
Sample Tube Versatility	unique IntelliXCartridge design allows the handling of multiple tube types on the fly and without any technician present	can only handle 1 tube type at a time, and requires a technician visit to make changes of each individual cap driver and firmware	unique IntelliXCartridge design allows the handling of multiple tube types on the fly and without any technician present	can only handle 1 tube type at a time, and requires a technician visit to make changes of each individual cap driver and firmware
Operating Temperature	4°C to 35°C	15°C to 35°C	4°C to 35°C	15°C to 35°C
Operating Cost	low-cost replaceable cartridge drivers mean less requirements for cap driver “preventative maintenance visits”	Preventative maintenance visits required to check cap driver wear and change over mechanical torque bearings and belts	low-cost replaceable cartridge drivers mean less requirements for cap driver “preventative maintenance visits”	Preventative maintenance visits required to check cap driver wear and change over mechanical torque bearings and belts

*² duration varies based on tube type being used

6. Date of change

The XSD units and all configurations of this will be made obsolete from September 30th, 2019

Support for existing customers of the XSD will continue until End-December 2022.*¹

*¹ For additional information on support/service, please reach out to your local sales or service rep.

7. Product availability

There will be a limited number of XSD systems available to purchase until September 30th, 2019. Specific tube configurations can be made available for most systems previously designed.

The IntelliXcap units are available immediately.

If you require further information please feel free to contact your local rep, distributor or email the office on blss.sales@brooks.com.

Appendix 1: Tube Compatibility

See below for a list of consumable compatibility for both XSD instruments & IntelliXcap instruments by format.

a. 96-format

Brand	Tube Type	Cap Type	Example Part #	IntelliXCap 96	XSD 96
FluidX	AcoustiX	INT	69-0200-11	46-8012 w/ 48-8013-04	N/A
	0.2ml Non-Jacket	EXT	67-0203-11	46-8012 w/ 48-8013-12	N/A
	0.3ml Jacket	EXT	68-0300-11	46-8012 w/ 48-8013-02	46-7501-119
	0.3ml Next-Gen Jacket	EXT	68-0303-11	46-8012 w/ 48-8013-02	46-7501-119
	0.3ml Next-Gen Non-Jacket	INT	66-62325-Y6	46-8012 w/ 48-8013-01	N/A
	0.5ml Non-Jacket	INT	66-52325-Y6 66-52325-Y6-L	46-8012 w/ 48-8013-01	46-7501-113
	0.7ml Non-Jacket	EXT	68-0700-11N 68-0700-12N	46-8012 w/ 48-8013-02	46-7501-121 / 46-7501-116
	0.7ml Next-Gen Jacket	EXT	68-0703-11/ 68-0703-12 68-0704-11/ 68-0704-12	46-8012 w/ 48-8013-02	N/A
	0.7ml Next-Gen Non-Jacket	INT	66-62319-Y6	46-8012 w/ 48-8013-01	N/A
	0.7ml Jacket	EXT	68-0702-11N 68-0702-12N	46-8012 w/ 48-8013-02	46-7501-102 / 46-7501-116
	0.75ml Jacket	INT	67-0750-24	46-8012 w/ 48-8013-01	46-7501-111 / 46-7501-114
	0.9m Next-Gen Non-Jacket	INT	66-62330-Y6 66-62330-Y6-L	46-8012 w/ 48-8013-01	N/A
	1.0ml Non-Jacket	EXT	68-1000-11N 68-1000-12N	46-8012 w/ 48-8013-02	46-7501-101
	1.0ml Non-Jacket	INT	66-52319-Y6 66-52319-Y6-L	46-8012 w/ 48-8013-01	46-7501-115
	1.0ml Jacket	EXT	68-1002-11N	46-8012 w/ 48-8013-02	46-7501-103
	1.0ml Next-Gen Jacket	EXT	68-1003-11	46-8012 w/ 48-8013-02	46-7501-136
	1.3ml Jacket	INT	67-1400-21	46-8012 w/ 48-8013-01	46-7501-118
1.4ml Non-Jacket	INT	66-52330-Y6 66-52330-Y6-L	46-8012 w/ 48-8013-01	46-7501-128	
Thermo	Matrix 0.2ml	INT low profile	3748-BR	46-8012 w/ 48-8013-05	N/A
	Matrix 0.5ml	INT co-mold	3744	46-8012 w/ 48-8013-11	46-7501-202
	Matrix 1.0ml	INT co-mold	3741	46-8012 w/ 48-8013-11	46-7501-201
	Nunc 0.5ml	INT Bank It	374025 / 374086 / 374027	46-8012 w/ 48-8013-06	46-7501-302
	Nunc 1.0ml	INT Bank It	374130 / 374088 / 374120	46-8012 w/ 48-8013-06	46-7501-302
Micronic	0.3ml	EXT	MP52702-Y20	46-8012 w/ 48-8013-08	N/A
	0.4ml	EXT	MP52718-Y20	46-8012 w/ 48-8013-08	N/A
	0.5ml	INT	MP52501-Z20 MPW52325BC3-Z20	46-8012 w/ 48-8013-07	46-7501-502 or 46-7501-504
	0.5ml	INT Low Profile Cap	MP52500-V20	N/A	N/A
	0.75ml	INT	MP52520-Z20 MPW52351BC3-Z20	46-8012 w/ 48-8013-07	46-7501-503
	0.75ml	INT Low Profile	MP52519-V20	N/A	N/A

	0.75ml	EXT	MP52706-Y20	46-8012 w/ 48-8013-08	N/A
	0.75ml Hybrid	EXT	MP52757-Y20	46-8012 w/ 48-8013-08	N/A
	1.1ml	INT	MPW52319BC3-Z20	46-8012 w/ 48-8013-07	N/A
	1.1ml	INT Low Profile	MP52706-Y20	N/A	N/A
	1.4ml	INT	MP52551-Z20 MPW52355BC3-Z20	46-8012 w/ 48-8013-07	46-7501-501
	1.4ml	INT Low Profile	MP52706-Y20	46-8012 w/ 48-8013-08	N/A
	1.4ml	EXT	MP52710-Y20	46-8012 w/ 48-8013-08	N/A
	1.4ml Hybrid	EXT	MP52761-Y20	46-8012 w/ 48-8013-08	N/A
LVL Tech	SX 300	EXT	2DSC-X03-BL-NS-SL-L	46-8012 w/ 48-8013-10	N/A
	MX 500	EXT	2DSC-X05-BL-NS-SL-L	46-8012 w/ 48-8013-10	N/A
	LX 1000	EXT	2DSC-X10-BL-NS-SL-L	46-8012 w/ 48-8013-10	N/A
	MI 500	INT	2DSC-I05-BL-NS-SL-L	46-8012 w/ 48-8013-09	N/A
	LI 1000	INT	2DSC-I10-BL-NS-SL-L	46-8012 w/ 48-8013-09	N/A
Greiner	300ul	INT	976561	46-8012 w/ 48-8013-13	N/A
	600ul	INT	977561	46-8012 w/ 48-8013-13	N/A
	1000ul	INT	978580 or 978561	46-8012 w/ 48-8013-13	N/A

b. 48-format

Brand	Tube Type	Cap Type	Example Part #	IntelliXCap 48	XSD 48
FluidX	1.0ml Non-Jacket	INT	65-7503	Contact Us	46-7503-131
	1.5ml Next Gen Jacket	EXT Auto-Friendly	65-7663	46-8011 w/ 48-8015-01	N/A
	1.9ml Next Gen Jacket	EXT Auto-Friendly	65-7643	46-8011 w/ 48-8015-01	N/A
	2.0ml Non-Jacket	INT	65-7502	Contact Us	46-7503-106
	2.0ml Jacket	INT	65-7531	Contact Us	46-7503-125
	2.0ml Non-Jacket	EXT	65-7501	46-8011 w/ 48-8015-03	46-7503-107
	2.0ml Non-Jacket	EXT Auto-Friendly	64-7532	N/A	46-7503-130
	2.0ml Jacket	EXT Auto-Friendly	65-7534	46-8011 w/ 48-8015-01	46-7503-124
	2.0ml Jacket Glass	EXT	65-9001	Contact Us	46-7503-132
	4.0ml Non-Jacket	EXT	65-7511	Contact Us	46-7503-126
4.0ml Next-Gen Jacket	EXT Auto-Friendly	65-7515	46-8011 w/ 48-8015-01	46-7503-138	
Thermo	Nunc 1.0ml	INT	377224	Contact Us	N/A
	Nunc 1.0ml	EXT	375353	Contact Us	N/A
	Nunc 2.0ml	INT	374510	Contact Us	46-7503-304
	Nunc 3.6ml	INT	366524	Contact Us	46-7503-305
	Nunc 5.0ml	INT	374220	Contact Us	46-7503-303
Micronic	1.0ml	EXT	MP52802-Y20	Contact Us	N/A
	2.0ml Hybrid	EXT	MP52858-Y20 / MP52859-Y20	Contact Us	N/A
	3.0ml Hybrid	EXT	MP52864-Y20 / MP52865-Y20	Contact Us	N/A
	4.0ml	INT	MP52441-Z20	Contact Us	46-7503-522
	4.0ml	EXT	MP52810-Y20	Contact Us	N/A
LVL Tech	XLX 2000	EXT	2DSC-X20-BL-NS-SLP-L	Contact Us	N/A
	XLX 4000	EXT	2DSC-X40-BL-NS-BU-L	Contact Us	N/A

Greiner	1ml	INT	123 263-2DG	Contact Us	46-7503-131
	2ml	INT	122 263-2DG	Contact Us	46-7503-106
	2ml	EXT	126 263-2DG	46-8011 w/ 48-8015-03	46-7503-406
	4ml	EXT	127 263-2DG	46-8011 w/ 48-8015-03	46-7503-406
Sarstedt	1.6ml CryoPure	EXT	72380004	Contact Us	46-7503-405

c. 24-format

Brand	Tube Type	Cap Type	Example Part #	IntelliXCap 24	XSD 24
FluidX	6.0ml Jacket	EXT Auto-Friendly	66-9201	Contact Us	46-7502-140
	6.0ml Jacket	EXT Low-Prof	65-9201	Contact Us	46-7502-109
	6.0ml Jacket Glass	EXT	65-9003	Contact Us	46-7502-114
	10.0ml Jacket	EXT Low-Prof	65-9301	Contact Us	46-7502-110
	10.0ml Jacket	EXT Auto-Friendly	66-9301	46-8010 w/ 48-8017-01	46-7502-112
	10.0ml Next-Gen Jacket	EXT Low-Prof	65-9302	Contact Us	46-7502-110
	10.0ml Next-Gen Jacket	EXT Auto-Friendly	66-9302	46-8010 w/ 48-8017-01	46-7502-112
Micronic	3.0ml TISSUE	EXT	MP52482-Z01	Contact Us	N/A
	3.5ml TISSUE	EXT	MP52906-Y20	Contact Us	N/A
	6.0ml	INT	MPW52401BC5-Z20	46-8010 w/ 48-8017-03	N/A
Nalgene / Dutcher Scientific / Biosigma	1.2ml	EXT	5000-0012	Contact Us	N/A
	2.0ml	EXT	5000-0020	Contact Us	N/A
	5.0ml	EXT	5000-0050	Contact Us	N/A
	2.0ml Clearline	EXT	10344691	Contact Us	46-7502-901
	5.0ml Clearline	EXT	5000-0050	Contact Us	46-7502-902
Axygen	2.0ml	EXT	SCT-200-SS-C-S	Contact Us	46-7502-903
Fisher	0.5ml	EXT	02-681-370	Contact Us	46-7502-701
Sarstedt	0.5/1.5/2.0	EXT	72.730.005	Contact Us	46-7502-404
			72.694.005		
			72.694.006		
Corning	1.2ml	EXT	430658	Contact Us	46-7502-602
	2ml Cryo	EXT	430659	Contact Us	46-7502-602
	4ml Cryo	EXT	430662	Contact Us	N/A