



Title: Discontinuation of Impression MKII Range of Readers	
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We are writing to inform you that due to obsolescence of key components from our supplier, we will be discontinuing our Impression MKII range of Whole Rack Scanners as of September 13<sup>th</sup>, 2019.

There will be a limited number of systems available for sale until stock is depleted

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

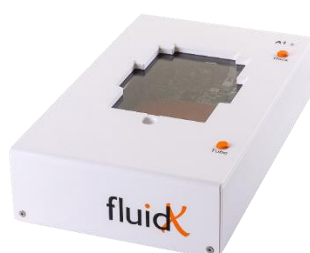
### 1. Affected Products:

This affects all part numbers 20-2002-A, 20-2002-C, 20-2102-A, 20-2102-B, 20-2102-C, 20-2102-D, 20-2106, 20-2206 and 20-2109

Part number	Description
<b>20-2002-A</b>	<p><b>Impression</b>  <b>Whole Rack Scanner (MKII) LE</b>            Limited Edition Small Form Factor Whole rack reader for racks of 96 2D labelled tubes; Fast reading on the bench top use (deep focus scanner, suitable for all types of 2D barcoded racks)</p>
<b>20-2002-C</b>	<p><b>Impression</b>  <b>Whole Rack Scanner (MKII) LE with Cryoprotection</b>            Limited Edition Small Form Factor Whole rack reader for racks of 96 2D labelled tubes; Fast reading on the bench top use (deep focus scanner, suitable for all types of 2D barcoded racks)            Integrated Cryoprotection frost reduction system.</p>
<b>20-2102-A</b>	<p><b>Impression</b>  <b>Whole Rack Scanner (MKII)</b>            Small Form Factor Whole rack reader for racks of (24 / 48 / 96 / 240 / 384) 2D labelled tubes; small-footprint scanner-based solution for rapid reading and integration. (deep focus scanner, suitable for all types of 2D barcoded racks)            With Integrated "Mirror" Linear Barcode Reader and Single Tube Reading Position.</p>
<b>20-2102-B</b>	<p><b>Impression</b>  <b>Whole Rack Scanner (MKII) with Opticon 1D Barcode Reader</b>  <b>*JAPAN ONLY*</b>            Small Form Factor Whole rack reader for racks of (24 / 48 / 96 / 240 / 384) 2D labelled tubes; small-footprint scanner-based solution for rapid reading and integration. (deep focus scanner, suitable for all types of 2D barcoded racks)            With Opticon USB Linear Barcode Reader and Single Tube Reading Position.</p>



<p><b>20-2102-C</b></p>	<p align="center"><b>Impression</b></p> <p align="center"><b>Whole Rack Scanner (MKII) with Cryoprotection</b></p> <p>Small Form Factor Whole rack reader for racks of (24 / 48 / 96 / 240 / 384) 2D labelled tubes; small-footprint scanner-based solution for rapid reading and integration. (deep focus scanner, suitable for all types of 2D barcoded racks)</p> <p>With Integrated "Mirror" Linear Barcode Reader, Single Tube Reading Position and With Integrated Cryoprotection frost reduction system.</p>
<p><b>20-2102-D</b></p>	<p align="center"><b>Impression</b></p> <p align="center"><b>Whole Rack Scanner (MKII) with Cryoprotection and Opticon 1D Barcode Reader</b></p> <p>Small Form Factor Whole rack reader for racks of (24 / 48 / 96 / 240 / 384) 2D labelled tubes; small-footprint scanner-based solution for rapid reading and integration. (deep focus scanner, suitable for all types of 2D barcoded racks)</p> <p>With Opticon USB Linear Barcode Reader, Single Tube Reading Position and Integrated Cryoprotection frost reduction system.</p>
<p><b>20-2106</b></p>	<p align="center"><b>XTR-96 LF CRYO</b></p> <p>Large Form Factor Whole rack reader for racks of square cryo racks with 2D labelled tubes; for 10x10 or 9x9 square cryo racks.</p>
<p><b>20-2206</b></p>	<p align="center"><b>XTR-96 LF CRYO MULTI</b></p> <p>Large Form Factor Whole rack reader with 2 Rack Reading Positions. Includes 2 reading positions, one for 14x14, 10x10 or 9x9 square racks and a second for SBS Format Racks (24 / 48 / 96 / 240 / 384).</p>
<p><b>20-2109</b></p>	<p align="center"><b>XTR-96 Tetra Flex CRYO</b></p> <p>Large Form Factor 4 x Whole rack reader for racks of SBS format racks (24 / 48 / 96 / 240 / 384) with 2D labelled tubes; 4 reading positions with integrated linear barcode reading.</p>



*Image 1: Impression MKII Scanner (P/N: 20-2102-C)*

**2. Reason for change**

We have identified that a key component of all our MKII scanner-based readers from our supplier has become obsolete and unfortunately there was no last time buy opportunity.

There are no replacements components available from other suppliers that allow us to continue to provide an equivalent product range, so we have decided to replace this range with our existing rapid, low-profile Impression MKI scanner.



### 3. Replacement Products

The closest equivalent replacement is our Impression MKI Scanner, used as the scanner of choice by integrators.

For end-users with 1D Linear Barcode scanning requirements, there is also an optional USB barcode module

See below for product details:

Part number	Description
<b>20-2101-A</b>	<b>Impression Rapid Rack Scanner (MKI)</b> Small Form Factor Whole rack reader for racks of 48 / 96 2D labelled tubes; small-footprint scanner-based solution for rapid reading and integration. (the small form factor scanner has a lower depth of focus and is not suitable for all racks)
<b>70-2010</b>	<b>(Optional) 1D Linear Barcode Module for Impression</b> USB Linear Barcode Module for reading 1D barcodes on the side of an SBS rack. 1 per case



Image 2: Impression MKI scanner (P/N: 20-2101-A)

### 4. Benefits of change

The MKI Impression Scanner has a smaller form factor and is therefore ideal for anyone concerned about taking up precious deck or bench space.

There is also a benefit from a scan and decode speed perspective when using the MKI instrument, which can be advantageous when reading many racks in a high-throughput environment.

Unfortunately, there is no cryoprotection feature option for the Impression MKI reader, which means some care needs to be taken when reading sample racks from -20 or -80° c.

There is also no Freeze / Cryo Box version available as part of this reader range, but we do support these boxes with our Perception HD LF.



## 5. Specifications of replacement products

	FluidX Impression MKI	FluidX Impression MKII
<b>Example Part Number</b>	20-2101-A	20-2102-A
<b>Footprint (L x W x H)</b>	256mm x 156mm x 51mm	290mm x 175mm x 71mm
<b>Speed (scan &amp; decode)</b>	4-5 seconds	5-10 seconds
<b>Tube Formats</b>	All SBS Formats	All SBS Formats
<b>Cryoprotection</b>	No	Yes – passive heating on Cryo versions
<b>Power Supply</b>	USB or AC 100 to 240V	AC 100 to 240V
<b>Linear Barcode Reader</b>	Optional USB Linear Barcode Reader	Mirror Included or Optional USB Linear Barcode Reader
<b>Operating Systems</b>	Windows 7, 8, 10	Windows 7, 8, 10

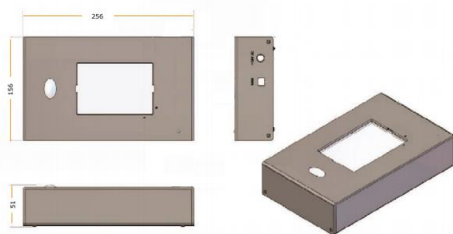


Figure 1: Impression MKI (PN: 20-2101-A)



Figure 2: Impression MKII (PN: 20-2102-B)

## 6. Date of change

The Impression MKII Scanner-Based Readers can no longer be purchased from our supplier so this discontinuation is effective immediately.

Support for existing customers of the MKII Impression will continue until early-September 2024.\*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 Impression MKII units available to purchase until stock is depleted.

The Impression MKI 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](mailto:blss.sales@brooks.com).