

MEDIAJET – Connecton Kit for inkjet printer LINX (sidewall print)

Instructions V04 for sidewall print installation

Document Change History

Vers.	Status:	Date:	Change:
V00	Released	28.02.2013	Document issued
V01	Released	11.02.2015	Addition of new printer type (LINX 5900)
V02	Released	02.06.2015	Picture exchange, compatibility
V03	Released	12.10.2018	LINX 89xx added, terms unified
V04	Released	10.05.2019	Adaptions for printhead MK11.

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1 Introduction

This document describes installation and connection of the LINX inkjet printhead (sidewall print) to the MEDIAJET (MJ) dish filler. The following LINX types are supported:

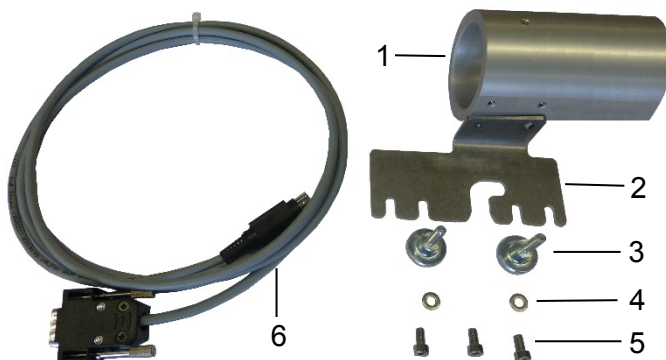
- LINX 4900 (discontinued), printhead MK7
- LINX 5900 (discontinued), printhead MK7
- LINX CJ400 (discontinued), printhead MK11
- LINX 89xx, printhead MK11

Before starting with the installation, please carefully read MJ and LINX operating instructions. Please note that MJ units manufactured before March 2013 (serial numbers below 10313569/11313248) are not compatible with LINX inkjet printers for sidewall print (MJ w/o base plate rotor cutout/recess).

2 Required Accessories and Documentation

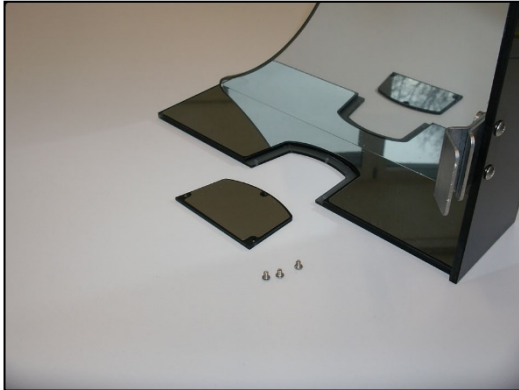
The components listed below are required to connect the inkjet printer to MEDIAJET.

Components available from INTEGRA Biosciences:

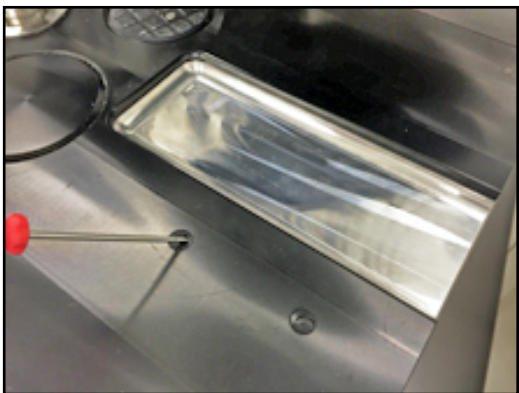


- MEDIAJET Dish Filler (Part no. 103005/103006/113000/113001/113002)
- MJ Operating Instructions (Part no. 103950)
- Connection kit (Part no. 113845) for LINX (sidewall print), consisting of:
 - 1 Printhead retainer
 - 2 Mounting bracket (Mb)
 - 3 Knurled head screw M5x16 (2x)
 - 4 Washer M6 (2x)
 - 5 Allen screw M4x8 (3x)
 - 6 Interface cable MJ to LINX (113853)
 This instructions for installation.

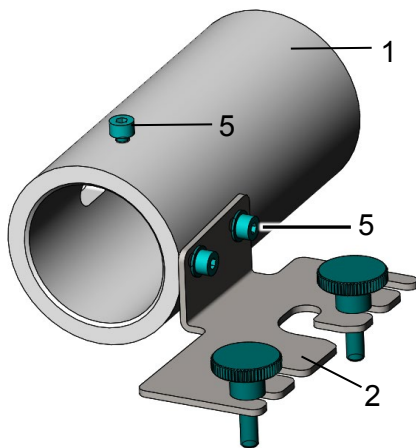
3 Mount printhead onto MEDIAJET



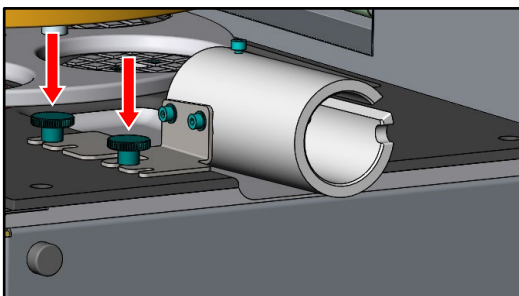
Remove the slot cover on the back side of the MEDIAJET Plexiglas safety cover.



Spear and remove the two screw caps (Part no. 103628) which cover the threads of the print head fixing points using a thin screwdriver.

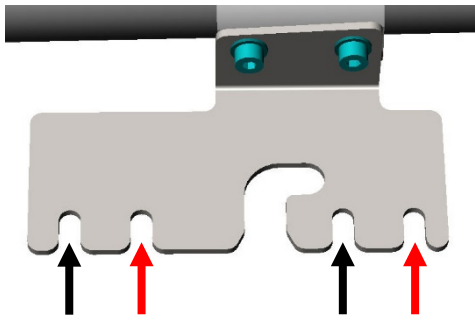


Screw one Allen screw M4x8 (5) on the Printhead retainer (1) and mount the Mounting bracket (2) on the Printhead retainer (1) with two Allen screws M4x8 (5).

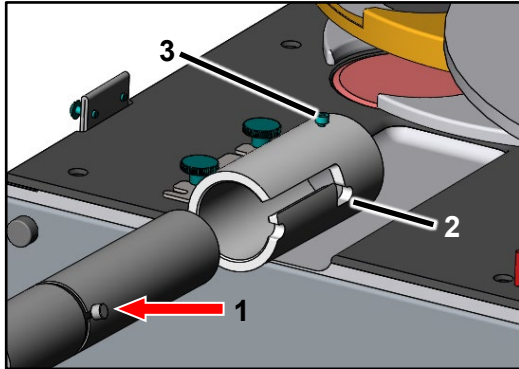


Fix the Mounting bracket (2) with the printhead retainer onto the MEDIAJET using the two knurled head screws (3).

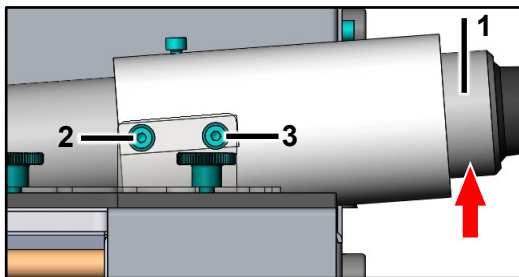
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Use the anterior slots (black arrows) when printing on 90 mm Petri dishes or use the posterior slots (red arrows) when printing on 60 mm Petri dishes to fix the Mounting bracket (2) onto the MEDIAJET.

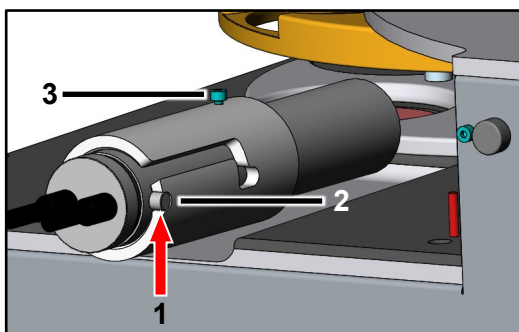


LINX 4900/5900, printhead MK7: Insert the printhead into the Printhead retainer and align the screw (1) of the printhead with the furthest notch (2) of the retainer. Fix the printhead with the Allen screw M4x8 (3).

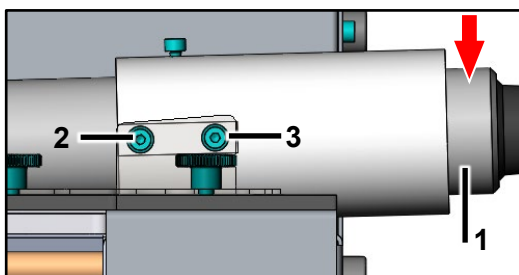


Tighten the anterior Allen screw M4x8 (2). Push the printhead (1) to the upper stop of the posterior screw hole and tighten the Allen screw M4x8 (3).

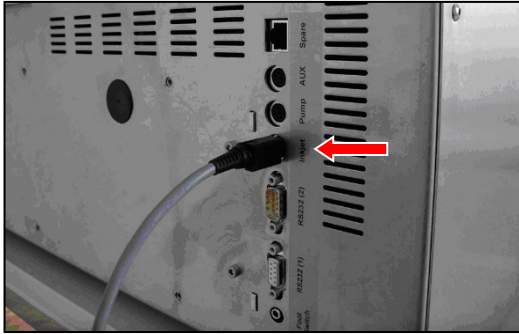
OR



LINX CJ400/89xx, printhead MK11: Insert the printhead into the Printhead retainer and align the screw (1) of the printhead with the forefront notch (2) of the retainer. Fix the printhead with the Allen screw M4x8 (3).



Tighten the anterior Allen screw M4x8 (2). Push the printhead (1) to the lower stop of the posterior screw hole and tighten the Allen screw M4x8 (3).



Insert the Mini-DIN 8 pole plug of the Interface cable (Part no. 113853) into the socket labeled with INKJET on the rear panel of the MEDIAJET.

Insert the plug at the other end of the interface cable according to the LINX Operating Instructions.

4 Imprint

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