

MEDIAJET Petri Dish Compatibility List

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Document Change History

Vers.	Status:	Name:	Date:	Change:
V08	Released	ULe	01.11.2018	Discontinued plates removed, infos put in tables, file renamed.
			18.02.2019	Dishes from FL Medical and Kord Valmark added.

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1 Introduction

This document is intended to support sales representatives and customers working with MEDIAJET devices and applications.

For historical reasons, almost all PDs are not specifically designed for automated use. There are also not standardized. You can find an extensive variation of different Ø90/Ø100, Ø55/Ø60 or Ø35 dishes on the market. The actually measured dimension of the Petri dishes deviate from the nominal dimensions given by the manufacturer. We found variations of heights and diameters within the same product ID, even depending on the production location, and within the same lot.

Thus a general compatibility of a locally available Petri dish with MEDIAJET or MEDIAJET vario cannot be guaranteed by INTEGRA Biosciences.

For an exact specification of the dimensions for Petri dishes compatible with MEDIAJET please refer to the latest Operating Instructions (OI), 6.2 Petri dish specifications. In addition, this document lists a set of Petri dishes already successfully tested for mechanical processability and used on MEDIAJET by INTEGRA Biosciences.

As manufactures can change the dimensions of their Petri dishes without prior informing INTEGRA Biosciences, this list can only serve as an indication and is subjected to continuous changes.



We recommend to test the application with the desired dishes and original media in the customer's lab.

2 Petri dishes Ø90/Ø100

2.1 MJ standard/vario (PD lid outer diameter between 91.8 and 93.0 mm)

PD Manufacturer	Product no./type	Nominal Size
Greiner bio-one	633180 / standard type	94 x 16 mm
	633102 (133161) / heavy type	94 x 16 mm
	664102 (664160, 664161)	100 x 20 mm
Sarstedt AG	82.1473	92 x 16 mm
	82.1472	92 x 16 mm
BD Falcon (Corning)	351029	100 x 15 mm
Bibby-Sterilin	101VR20	90 mm
Phoenix Biomedical	018	90 x 15 mm
Fisherbrand	FB0875712 / standard	100 x 15 mm
Nunc	4031 / deep with lid	100 x 25 mm
FL Medical, Italy	29052 (29062)	90 x 16.2 mm
VWR	391-0468 (391-0608, 391-0469)	90 x 16.2 mm
Kord Valmark	2909	100 x 25 mm

2.2 MJ standard/vario with S rotor (PD lid outer diameter between 90.8 and 92.0 mm)

PD Manufacturer	Product no./type	Nominal Size
Sarstedt AG	82.1473	92 x 16 mm
	82.1472	92 x 16 mm
BIO-BIK	I-90	90 mm

These dishes are compatible with:

MEDIAJET base unit	Conversion set	Carousel	Rotor
MEDIAJET Part No. 103 000 or 103 001	-	for Ø90 mm Part No. 103 020 or 103 021	for Ø90S mm Part No. 103 272
MEDIAJET vario Part No. 113 000 or 113 001	for Ø90 mm Part. No. 113 051		

2.3 MJ vario 90L (PD lid outer diameter between 93.1 and 94.5 mm)

These dishes are compatible with:

MEDIAJET base unit	Conversion set	Carousel	Rotor
MEDIAJET vario Part No. 113 000 or 113 001	for Ø90L mm Part. No. 113 055	for Ø90L mm Part No. 113 022	for Ø90L mm Part No. 113 460

3 Petri dishes Ø90 biplate

3.1 MJ vario biplate (two-compartment PDs with lid outer diameter between 91.8 and 93.0 mm)

PD Manufacturer	Product no./type	Nominal Size
Greiner bio-one	635102	94 x 16 mm
Sarstedt AG	82.1195	92 x 16 mm
Bibby-Sterilin	502V	90 mm
FL Medical, Italy	29057 (29067)	90 x 16.2 mm
VWR	391-0492	90 x 16.2 mm

These dishes are compatible with:

MEDIAJET base unit	Conversion set	Carousel	Rotor
MEDIAJET vario with biplate Part No. 113 002	for Ø90 mm Part. No. 113 051	for Ø90 mm Part No. 103 020 or 103 021	for Ø90 mm biplate Part No. 113 806

4 Petri dishes Ø55/Ø60

4.1 MJ vario 60 (PD lid diameter between 58.1 and 59.5 mm)

Manufacturer	Product no./type	Nominal Size
Greiner bio-one	628102 (628160, 628161)	60 x 15 mm
Sarstedt AG	82.1194	60 x 15 mm
BD Falcon (Corning)	351007	60 x 15 mm
VWR	391-3655	60 x 15 mm
Corning-Gosselin	BP53-01 (BP53-03 not tested)	55 x 14.2 mm

These dishes are compatible with the configuration:

MEDIAJET base unit	Conversion set	Carousel	Rotor
MEDIAJET vario Part No. 113 000 or 113 001	for Ø60 mm Part. No. 113 052	for Ø60 mm Part No. 113 020	for Ø60 mm Part No. 113 271

4.2 MJ vario 60S (PD lid outer diameter between 56.7 and 58.1 mm)

These dishes are compatible with the configuration:

MEDIAJET base unit	Conversion set	Carousel	Rotor
MEDIAJET vario Part No. 113 000 or 113 001	for Ø60S mm Part. No. 113 056	for Ø60 mm Part No. 113 020	for Ø60S mm Part No. 113 276

5 Petri dishes Ø35

5.1 MJ vario 35 (PD lid outer diameter between 38.0 and 39.4 mm)

Manufacturer	Product no./type	Nominal Size
Greiner bio-one	627102 (627160, 627161)	35 x 15 mm
Nunc	153 066	35 x 10 mm

These dishes are compatible with the configuration:

MEDIAJET base unit	Conversion set	Carousel	Rotor
MEDIAJET vario Part No. 113 000 or 113 001	for Ø35 mm Part. No. 113 053	for Ø35 mm Part No. 113 021	for Ø35 mm Part No. 113 272