

# Information for Clinical Choice

## Electrosurgical - Universal Patient Plate Return Electrode with Wire

### Introduction

Information for Clinical Choice (ICC) has been developed to assist clinicians in the decision making process when assessing the suitability of a product by providing a clear illustration and description of the features of a range of similar products supplied through NHS Supply Chain.






The criteria provided, in the form of a Product Matrix and Support Document, is the result of a product / data review, conducted by the Clinical Engagement and Implementation Team, with support from clinical stakeholders from across the NHS. The aim, alongside delivering savings back into NHS frontline services, is to ensure that clinical choice remains at the forefront of any product switching decision.





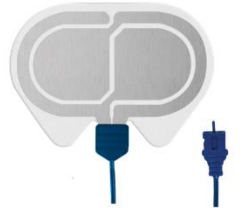
### Universal Patient Plate Return Electrode with Wire

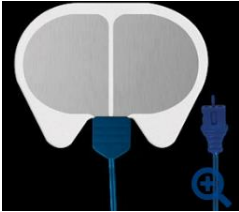


Patient return electrodes (often called diathermy plates) are medical devices used during electrosurgery to safely return electrical current from the patient back to the generator. This helps complete the circuit and reduces the risk of unintended burns.

In the Global Medical Device Nomenclature (GMDN), these devices are typically described as “electrosurgical dispersive electrodes”—highlighting their key function: to disperse electrical energy safely over a wide area of the patient’s skin.

Choosing the right return electrode is important for patient safety. Universal return electrodes are designed to be suitable for a wide range of patient sizes, providing a flexible option that can safely disperse electrical current across different body types when appropriately applied.

Universal Patient Plate Return Electrode with Wire Part 1					
Supplier	Conmed Linvatec Stock & Ed	Empire Medical Uk Ltd	Erbe Medical Uk Ltd	Erbe Medical Uk Ltd	Fannin Uk Ltd
Brand	CONMED	ELEKTRONIC	Erbe	Erbe	Lang Skintact Cool Contact
MPC	410-2000	SY-MW4	20193-082	20193-083	WR21A30
NPC	FBU87032	FDJ85013	FDJ2814	FDJ2844	FDJ153
Base Description	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire
Picture					
Route	eDirect	eDirect	eDirect	eDirect	Stocked
UOI	box of 100	box of 40	box of 50	box of 50	box of 200
Conductive area (cm <sup>2</sup> )	99.3 cm <sup>2</sup>	136 cm <sup>2</sup>	85 cm <sup>2</sup>	85 cm <sup>2</sup>	90 cm <sup>2</sup>
Length (cm)	12.07 cm	16.1 cm	26 cm	29.5 cm	16 cm
Width (cm)	14.61 cm	8.45 cm	18 cm	38.5 cm	13 cm
Weight Limit	> 2.2 kg	> 5 kg	> 5 kg	> 5 kg	> 5 kg
Length of Leadwire	3m	3m	4m	4m	3m
Connector Type (REM, Non REM, 6.3mm Jack standard, 3.6mm jack ERBE)	CQM	REM Valley Lab connector	International	International	REM

Universal Patient Plate Return Electrode with Wire Part 2					
Supplier	Kci Medical Limited	Keymed Ltd	Nissha Medical Technologies Ltd	Nissha Medical Technologies Ltd	Nissha Medical Technologies Ltd
<b>Brand</b>	3M Healthcare	Olympus	Swaroplate	Swaroplate	Swaroplate
<b>MPC</b>	9165	WA99516C	6000842N	6000846N	6000845N
<b>NPC</b>	FDJ046	FDJ2360	FBU86969	FBU86991	FBU86992
<b>Base Description</b>	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire
<b>Picture</b>					
<b>Route</b>	eDirect	eDirect	eDirect	eDirect	eDirect
<b>UOI</b>	box of 40	box of 15	box of 96	box of 96	box of 96
<b>Conductive area (cm2)</b>	94 cm2	110 cm2	105 cm2	110 cm2	110 cm2
<b>Length (cm)</b>	15.7 cm	12.2 cm	16 cm	17.6 cm	17.6 cm
<b>Width (cm)</b>	12 cm	17.4 cm	12.2 cm	12.2 cm	12.2 cm
<b>Weight Limit</b>	-	> 5 kg	> 5 kg	> 5 kg	> 5 kg
<b>Length of Leadwire</b>	2.7m	3m	3m	3m	3m
<b>Connector Type (REM, Non REM, 6.3mm Jack standard, 3.6mm jack ERBE)</b>	Standard plug with REM pin	Non-REM	6.3mm Jack standard	6.3mm Jack standard	Valleylab REM

Universal Patient Plate Return Electrode with Wire Part 3			
Supplier	Nissha Medical Technologies Ltd	Surgical Holdings	Sra Developments
Brand	Swaroplate	Telic	BOWA
MPC	6000838N	TPV0E	818-112
NPC	FBU86960	FBU88089	FDJ2509
Base Description	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire	Universal Patient Plate Return Electrode Spilt-Single Use with Leadwire
Picture			
Route	eDirect	eDirect	eDirect
UOI	box of 96	box of 50	box of 15
Conductive area (cm2)	105 cm2	-	110 cm2
Length (cm)	16 cm	-	12.4 cm
Width (cm)	12.2 cm	-	17.4 cm
Weight Limit	> 5 kg	> 5 kg	> 5 kg
Length of Leadwire	3m	3m	3m
Connector Type (REM, Non REM, 6.3mm Jack standard, 3.6mm jack ERBE)	Valleylab REM	Valleylab REM	REM

## References:

If you have any questions, would like further information, or have feedback to share, please contact:

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