
JOFRA MTC Series - Marine Temperature Calibrators

Order number for MTC-140 A

STD (GBP)	Order Number	Description
£	2.585	<p>MTC140A</p> <p>Base model number -17 to 140°C / 1 to 284°F (@ 23°C / 73°F) with Standard Accessories</p> <p>Power supply (US deliveries 60 Hz only)</p> <p>115 115VAC 230 230VAC</p> <p>Mains power cable type</p> <p>A European, 230VAC B USA / Canada, 115VAC C UK, 240VAC D South Africa, 220VAC E Italy, 220VAC F Australia, 240VAC G Denmark, 230VAC H Switzerland, 220VAC I Israel, 230VAC</p> <p>Insert type and size 1x Insert for dry-block configuration (Please see insert section for correct code)</p> <p>Calibration certificate</p> <p>F NPL Traceable Calibration Certificate (Standard for Europe, Asia, Australia and Africa) G NIST Traceable Temperature Certificate (Standard for Western Hemisphere)</p> <p>£ 160 H DANAK Accredited Calibration Certificate - Option (-15, 0, 50, 100, 140°C)</p> <p>Options</p> <p>C Carrying Case</p>

JOFRA MTC Series - Marine Temperature Calibrators

Inserts for MTC-140 A

STD (GBP)	Order Number	Description	Item Code
Undrilled Inserts for MTC-140 A			
£	131	60F448	5 Pack Undrilled Inserts
Imperial Inserts for MTC-140 A			
£	36	60F450	Imperial, Probe diameter 1/8 in
£	36	60F452	Imperial, Probe diameter 3/16 in
£	36	60F454	Imperial, Probe diameter 1/4 in
£	36	60F456	Imperial, Probe diameter 5/16 in
£	36	60F458	Imperial, Probe diameter 3/8 in
£	36	60F460	Imperial, Probe diameter 7/16 in
£	36	60F462	Imperial, Probe diameter 1/2 in
£	36	60F464	Imperial, Probe diameter 9/16 in
£	36	60F466	Imperial, Probe diameter 5/8 in
£	214	124680	Package of 9 pcs Imperial Inserts
£	66	123480	Multi-Hole, Type 2 (1x1/8 in, 1x3/16 in, 1x1/4 in)
Metric Inserts for MTC-140 A			
£	36	123428	Metric, Probe diameter 3 mm
£	36	60F451	Metric, Probe diameter 4 mm
£	36	123429	Metric, Probe diameter 5 mm
£	36	60F453	Metric, Probe diameter 6 mm
£	36	123430	Metric, Probe diameter 7 mm
£	36	105185	Metric, Probe diameter 8 mm
£	36	105186	Metric, Probe diameter 9 mm
£	36	105187	Metric, Probe diameter 10 mm
£	36	123431	Metric, Probe diameter 11 mm
£	36	123432	Metric, Probe diameter 12 mm
£	36	123433	Metric, Probe diameter 13 mm
£	272	124679	Package of 11 pcs Metric Inserts
£	71	123479	Multi-Hole, Type 1 (1x3 mm, 1x4 mm, 1x5 mm, 1x6 mm)
Other Inserts for MTC-140 A			
Special Inserts - Use schedule "105171 for Inserts" in order to specify			
- Only known sensor diameters from standard inserts are acceptable at these prices			
£	90	60F505	Other Dimension - Single Hole
£	126	60F506	Multi-Hole - Maximum 5 holes
£	10	123937	Undrilled insulation plug

Inserts used for CTC140 A / MTC140 A are also used for C140, D40, MTC Cool and D55SE. Units use 19 mm x 100 mm / 0.75 in x 3.9 in Inserts.

JOFRA MTC Series - Marine Temperature Calibrators

Accessories for MTC-140 A

<u>STD (GBP)</u>	<u>Order Number</u>	<u>Description</u>
£ 12	65-F100	Insulation in Tube, 100 mm x Ø25 mm
£ 19	65-F101	Insulation in Tube, 150 mm x Ø25 mm
£ 24	65-F102	Insulation in Tube, 200 mm x Ø25 mm
£ 28	65-F103	Insulation in Tube, 250 mm x Ø25 mm
£ 32	65-F104	Insulation in Tube, 300 mm x Ø25 mm
£ 38	65-F105	Insulation in Tube, 350 mm x Ø25 mm
£ 32	65-F106	Insulation in Tube, 400 mm x Ø25 mm
£ 47	65-F107	Insulation in Tube, 450 mm x Ø25 mm
£ 33	123469	Set with 3 pcs of insulation plugs * 6, 10 and 13 mm / 1/4, 3/8 and 1/2 in.
£ 307	125068	Support rod set for sensors, 2 gribs, 2 fixtures * Support rod set can be mounted on all JOFRA dry-blocks
£ 47	125066	Extra fixture for sensor grib
£ 34	125067	Extra sensor grib
£ 286	125002	Edgeport Converter with 4 pcs of RS232 ports
£ 225	123408	Carrying Case for CTC/MTC A models

Replacement Parts for MTC-140 A

<u>STD (GBP)</u>	<u>Order Number</u>	<u>Description</u>
£ 11	105337	User manual, MTC Models
£ 14	60F140	Mains cable - European, 230VAC
£ 14	60F135	Mains cable - USA / Canada, 115VAC
£ 14	60F136	Mains cable - UK, 240VAC
£ 14	60F137	Mains cable - South Africa, 220VAC
£ 14	60F138	Mains cable - Italy, 220VAC
£ 14	60F139	Mains cable - Australia, 240VAC
£ 14	60F141	Mains cable - Denmark, 230VAC
£ 14	60F142	Mains cable - Switzerland, 220VAC
£ 14	60F143	Mains cable - Israel, 230VAC
£ 10	60F170	Tool for Insert
£ 37	104203	Test leads; 1x black and 1x red
£ 21	105366	Cable for RS232, length 3 meter

JOFRA MTC Series - Marine Temperature Calibrators

Order number for MTC-320 A

STD (GBP)	Order Number	Description	
£	2.255	MTC320A	Base model number 33 to 320°C / 91 to 608°F with Standard Accessories
			Power supply (US deliveries 60 Hz only)
			115 115VAC
			230 230VAC
			Mains power cable type
			A European, 230VAC
			B USA / Canada, 115VAC
			C UK, 240VAC
			D South Africa, 220VAC
			E Italy, 220VAC
F Australia, 240VAC			
G Denmark, 230VAC			
H Switzerland, 220VAC			
I Israel, 230VAC			
		Insert type and size 1x Insert for dry-block configuration (Please see insert section for correct code)	
		Calibration certificate	
	F	NPL Traceable Calibration Certificate (Standard for Europe, Asia, Australia and Africa)	
	G	NIST Traceable Temperature Certificate (Standard for Western Hemisphere)	
£	160	H DANAK Accredited Calibration Certificate - Option (50, 120, 180, 250, 320°C)	
		Options	
	C	Carrying Case	

JOFRA MTC Series - Marine Temperature Calibrators

Inserts for MTC-320 A

STD (GBP)	Order Number	Description	
Undrilled Inserts for MTC-320 A			
£	139	100175	5 Pack Undrilled Inserts
Imperial Inserts for MTC-320 A			
£	36	100176	Imperial, Probe diameter 1/8 in
£	36	100178	Imperial, Probe diameter 3/16 in
£	36	100180	Imperial, Probe diameter 1/4 in
£	36	100181	Imperial, Probe diameter 5/16 in
£	36	100184	Imperial, Probe diameter 3/8 in
£	36	100187	Imperial, Probe diameter 7/16 in
£	36	100189	Imperial, Probe diameter 1/2 in
£	36	60F344	Imperial, Probe diameter 9/16 in
£	36	100192	Imperial, Probe diameter 5/8 in
£	36	60F348	Imperial, Probe diameter 11/16 in
£	36	100193	Imperial, Probe diameter 3/4 in
£	36	60F352	Imperial, Probe diameter 13/16 in
£	36	60F354	Imperial, Probe diameter 7/8 in
£	309	124682	Package of 13 pcs Imperial Inserts
£	58	123477	Multi-Hole, Type 2 (1x1/8, 1x3/16, 1x1/4, 1x3/8)
Metric Inserts for MTC-320 A			
£	36	123436	Metric, Probe diameter 3 mm
£	36	100177	Metric, Probe diameter 4 mm
£	36	123437	Metric, Probe diameter 5 mm
£	36	100179	Metric, Probe diameter 6 mm
£	36	123438	Metric, Probe diameter 7 mm
£	36	100182	Metric, Probe diameter 8 mm
£	36	100183	Metric, Probe diameter 9 mm
£	36	100185	Metric, Probe diameter 10 mm
£	36	100188	Metric, Probe diameter 11 mm
£	36	100186	Metric, Probe diameter 12 mm
£	36	60F339	Metric, Probe diameter 13 mm
£	36	100190	Metric, Probe diameter 14 mm
£	36	100191	Metric, Probe diameter 15 mm
£	36	123439	Metric, Probe diameter 16 mm
£	36	123440	Metric, Probe diameter 18 mm
£	36	123441	Metric, Probe diameter 20 mm
£	394	124681	Package of 16 pcs Metric Inserts
£	64	123475	Multi-Hole, Type 1 (1x3mm, 1x4mm, 1x5mm, 1x6mm, 1x9mm)
Other Inserts for MTC-320 A			
Special Inserts - Use schedule "105171 for Inserts" in order to specify			
- Only known sensor diameters from standard inserts are acceptable at these prices			
£	90	60F355	Other Dimension - Single Hole
£	126	60F357	Multi-Hole - Maximum 6 holes

Inserts used for CTC320 A / MTC320 A are also used for C320, 201, 201S, MTC Low and 250SE Units. Units use 26 mm x 120 mm / 1 in x 4.7 in Inserts.

JOFRA MTC Series - Marine Temperature Calibrators

Accessories for MTC-320 A

<u>STD (GBP)</u>	<u>Order Number</u>	<u>Description</u>
£ 99	122832	Cleaning Brushes - 4 mm - Package of 3 pcs
£ 50	60F174	Cleaning Brushes - 6 mm - Package of 3 pcs
£ 63	122822	Cleaning Brushes - 8 mm - Package of 3 pcs
£ 12	65-F100	Insulation in Tube, 100 mm x Ø25 mm
£ 19	65-F101	Insulation in Tube, 150 mm x Ø25 mm
£ 24	65-F102	Insulation in Tube, 200 mm x Ø25 mm
£ 28	65-F103	Insulation in Tube, 250 mm x Ø25 mm
£ 32	65-F104	Insulation in Tube, 300 mm x Ø25 mm
£ 38	65-F105	Insulation in Tube, 350 mm x Ø25 mm
£ 32	65-F106	Insulation in Tube, 400 mm x Ø25 mm
£ 47	65-F107	Insulation in Tube, 450 mm x Ø25 mm
£ 24	105173	Set of Insulation Plates (10 pcs)
£ 24	104216	Thermal Protection Shield
£ 307	125068	Support rod set for sensors, 2 gribs, 2 fixtures * Support rod set can be mounted on all JOFRA dry-blocks
£ 47	125066	Extra fixture for sensor grib
£ 34	125067	Extra sensor grib
£ 286	125002	Edgeport Converter with 4 pcs of RS232 ports
£ 225	123408	Carrying Case for CTC/MTC A models

Replacement Parts for MTC-320 A

<u>STD (GBP)</u>	<u>Order Number</u>	<u>Description</u>
£ 11	105337	User manual, MTC Models
£ 14	60F140	Mains cable - European, 230VAC
£ 14	60F135	Mains cable - USA / Canada, 115VAC
£ 14	60F136	Mains cable - UK, 240VAC
£ 14	60F137	Mains cable - South Africa, 220VAC
£ 14	60F138	Mains cable - Italy, 220VAC
£ 14	60F139	Mains cable - Australia, 240VAC
£ 14	60F141	Mains cable - Denmark, 230VAC
£ 14	60F142	Mains cable - Switzerland, 220VAC
£ 14	60F143	Mains cable - Israel, 230VAC
£ 10	60F170	Tool for Insert
£ 37	104203	Test leads; 1x black and 1x red
£ 21	105366	Cable for RS232, length 3 meter

JOFRA MTC Series - Marine Temperature Calibrators

Order number for MTC-650 A

STD (GBP)	Order Number	Description
£	2.585	MTC650A
		Base model number 33 to 650°C / 91 to 1202°F with Standard Accessories
		Power supply (US deliveries 60 Hz only)
	115	115VAC
	230	230VAC
		Mains power cable type
	A	European, 230VAC
	B	USA / Canada, 115VAC
	C	UK, 240VAC
	D	South Africa, 220VAC
	E	Italy, 220VAC
	F	Australia, 240VAC
	G	Denmark, 230VAC
	H	Switzerland, 220VAC
	I	Israel, 230VAC
		Insert type and size 1x Insert for dry-block configuration (Please see insert section for correct code)
		Calibration certificate
	F	NPL Traceable Calibration Certificate (Standard for Europe, Asia, Australia and Africa)
	G	NIST Traceable Temperature Certificate (Standard for Western Hemisphere)
£	160	H DANAK Accredited Calibration Certificate - Option (50, 200, 350, 500, 650°C)
		Options
	C	Carrying Case

JOFRA MTC Series - Marine Temperature Calibrators

Inserts for MTC-650 A

STD (GBP)	Order Number	Description	Item Code
Undrilled Inserts for MTC-650 A			
£	165	100194	5 Pack Undrilled Inserts
Imperial Inserts for MTC-650 A			
£	70	100195	Imperial, Probe diameter 1/8 in 125
£	70	100197	Imperial, Probe diameter 3/16 in 187
£	70	100199	Imperial, Probe diameter 1/4 in 250
£	70	100200	Imperial, Probe diameter 5/16 in 312
£	70	100203	Imperial, Probe diameter 3/8 in 375
£	70	100205	Imperial, Probe diameter 7/16 in 437
£	70	100207	Imperial, Probe diameter 1/2 in 500
£	70	60F408	Imperial, Probe diameter 9/16 in 562
£	70	100210	Imperial, Probe diameter 5/8 in 625
£	70	60F412	Imperial, Probe diameter 11/16 in 688
£	70	100211	Imperial, Probe diameter 3/4 in 750
£	70	60F416	Imperial, Probe diameter 13/16 in 813
£	70	60F418	Imperial, Probe diameter 7/8 in 875
£	481	124686	Package of 13 pcs Imperial Inserts
£	95	123478	Multi-Hole, Type 2 (1x1/8, 1x3/16, 1x1/4, 1x3/8) M02
Metric Inserts for MTC-650 A			
£	70	123444	Metric, Probe diameter 3 mm 003
£	70	100196	Metric, Probe diameter 4 mm 004
£	70	123445	Metric, Probe diameter 5 mm 005
£	70	100198	Metric, Probe diameter 6 mm 006
£	70	122516	Metric, Probe diameter 7 mm 007
£	70	100201	Metric, Probe diameter 8 mm 008
£	70	100202	Metric, Probe diameter 9 mm 009
£	70	105188	Metric, Probe diameter 10 mm 010
£	70	100204	Metric, Probe diameter 11 mm 011
£	70	100206	Metric, Probe diameter 12 mm 012
£	70	105189	Metric, Probe diameter 13 mm 013
£	70	100208	Metric, Probe diameter 14 mm 014
£	70	100209	Metric, Probe diameter 15 mm 015
£	70	123446	Metric, Probe diameter 16 mm 016
£	70	122517	Metric, Probe diameter 18 mm 018
£	70	122518	Metric, Probe diameter 20 mm 020
£	591	124685	Package of 16 pcs Metric Inserts
£	95	123476	Multi-Hole, Type 1 (1x3mm, 1x4mm, 1x5mm, 1x6mm, 1x9mm) M01
Other Inserts for MTC-650 A			
Special Inserts - Use schedule "105171 for Inserts" in order to specify			
- Only known sensor diameters from standard inserts are acceptable at these prices			
£	174	60F419	Other Dimension - Single Hole
£	244	60F421	Multi-Hole - Maximum 6 holes

Inserts used for CTC650 A / MTC650 A are also used for C650, 601, MTC High and 650SE Units. Units use 26 mm x 120 mm / 1 in x 4.7 in Inserts.

JOFRA MTC Series - Marine Temperature Calibrators

Accessories for MTC-650 A

<u>STD (GBP)</u>	<u>Order Number</u>	<u>Description</u>
£ 99	122832	Cleaning Brushes - 4 mm - Package of 3 pcs
£ 50	60F174	Cleaning Brushes - 6 mm - Package of 3 pcs
£ 63	122822	Cleaning Brushes - 8 mm - Package of 3 pcs
£ 12	65-F100	Insulation in Tube, 100 mm x Ø25 mm
£ 19	65-F101	Insulation in Tube, 150 mm x Ø25 mm
£ 24	65-F102	Insulation in Tube, 200 mm x Ø25 mm
£ 28	65-F103	Insulation in Tube, 250 mm x Ø25 mm
£ 32	65-F104	Insulation in Tube, 300 mm x Ø25 mm
£ 38	65-F105	Insulation in Tube, 350 mm x Ø25 mm
£ 32	65-F106	Insulation in Tube, 400 mm x Ø25 mm
£ 47	65-F107	Insulation in Tube, 450 mm x Ø25 mm
£ 24	105173	Set of Insulation Plates (10 pcs)
£ 24	104216	Thermal Protection Shield
£ 307	125068	Support rod set for sensors, 2 gribs, 2 fixtures * Support rod set can be mounted on all JOFRA dry-blocks
£ 47	125066	Extra fixture for sensor grib
£ 34	125067	Extra sensor grib
£ 286	125002	Edgeport Converter with 4 pcs of RS232 ports
£ 225	123408	Carrying Case for CTC/MTC A models

Replacement Parts for MTC-650 A

<u>STD (GBP)</u>	<u>Order Number</u>	<u>Description</u>
£ 11	105337	User manual, MTC Models
£ 14	60F140	Mains cable - European, 230VAC
£ 14	60F135	Mains cable - USA / Canada, 115VAC
£ 14	60F136	Mains cable - UK, 240VAC
£ 14	60F137	Mains cable - South Africa, 220VAC
£ 14	60F138	Mains cable - Italy, 220VAC
£ 14	60F139	Mains cable - Australia, 240VAC
£ 14	60F141	Mains cable - Denmark, 230VAC
£ 14	60F142	Mains cable - Switzerland, 220VAC
£ 14	60F143	Mains cable - Israel, 230VAC
£ 10	60F170	Tool for Insert
£ 37	104203	Test leads; 1x black and 1x red
£ 21	105366	Cable for RS232, length 3 meter