IM3058
08/2021
REV04

SPEEDTEC® 200C BR

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Spare Parts

SP50588 REV03
08/2021

ASSEMBLY PAGE NAME			Machine Assembly	Machine Assembly	Wire Drive Assembly	Euro Socket Assembly	Miscellaneous Items	
CODE NO.:	**K NO.:**	**FIGURE NO.:**	**A**	**B**	**C**	**C**	**-**	
50588	K14099-3	SPEEDTEC® 200C BR	1	1	1	1	1	

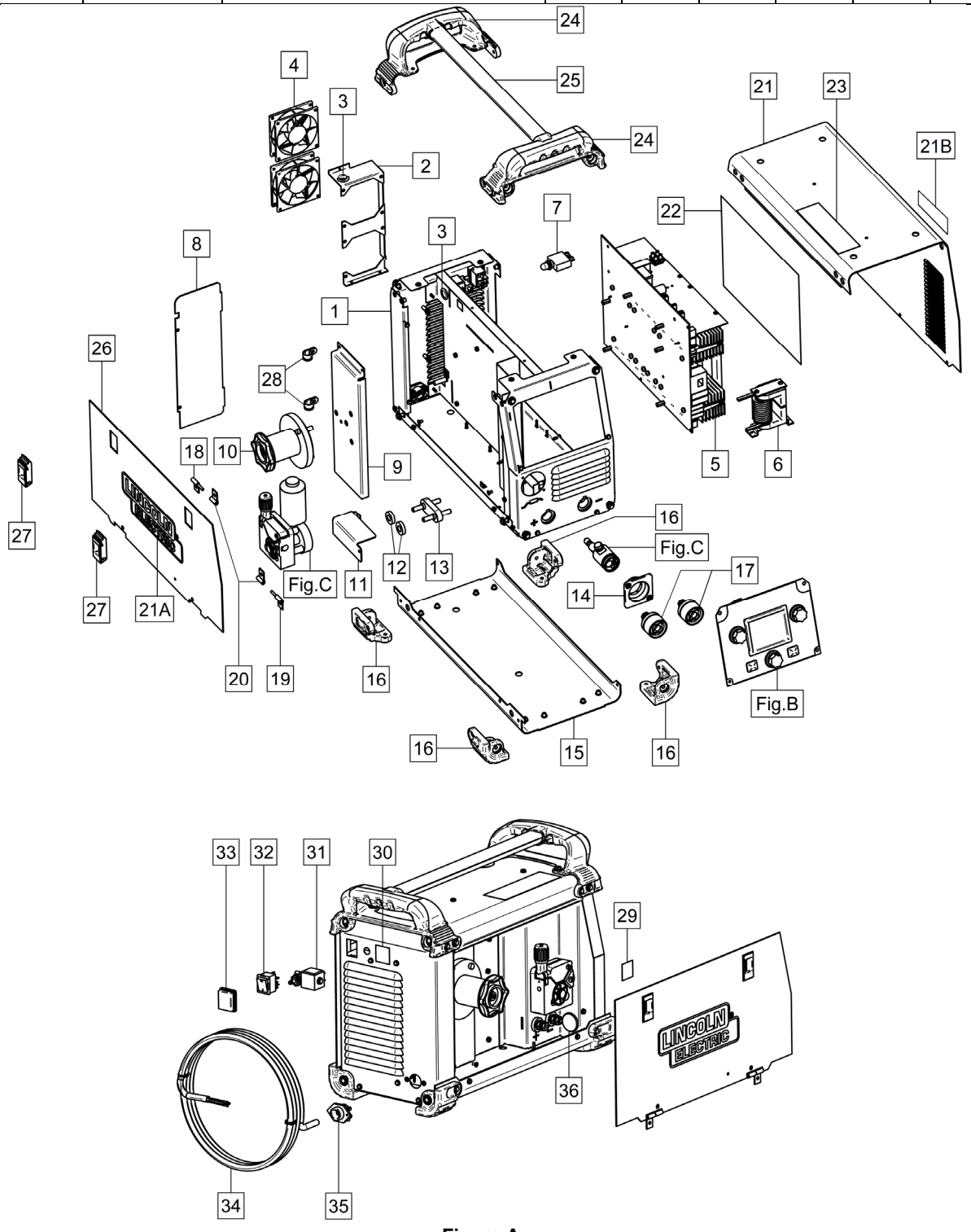


Figure A.

Figure A: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
1	RACK	R-3019-296-4/08R	1	X						
2	BRACKET	R-1019-292-2/08R	1	X						
3	RUBBER CABLE BUSH	1373-182-002R	2	X						
4	FAN M1, M2	1111-311-082R	2	X						
5	P.C. BOARD	R-6042-064-3R	1	X						
6	CHOKE L1	R-4034-148-1R	1	X						
7	THERMAL CIRCUIT BREAKER F1	1115-299-033R	1	X						
8	COVER	R-1019-336-1/08R	1	X						
9	SUPPORT	R-1019-297-1/08R	1	X						
10	REEL HUB COMPLETE	R-2013-126-1R	1	X						
11	COVER	R-1019-338-1/08R	1	X						
12	INSULATOR RING	D-1869-007-3R	2	X						
13	TERMINAL BLOCK X4	1361-599-328R	1	X						
14	EURO SLEEVE	0646-231-005R	1	X						
15	COVER	R-3019-299-1/02R	1	X						
16	CORNER CAP	W95X1147R	4	X						
17	SOCKET X2, X3	C-2986-001-2R	2	X						
18	HINGLE AND AXLE	D-3574-011-3/02R	1	X						
19	HINGLE AND AXLE	D-3574-011-4/02R	1	X						
20	HINGLE	D-3574-007-1/33R	2	X						
21	COVER	R-1012-563-1/02R	1	X						
21A	LABEL LINCOLN	R-000-087-1R	2	X						
21B	LABEL SPEEDTEC 200C	R-0010-444-1R	1	X						
22	STICKER (WIRING DIAGRAM)	R-0010-488-4R	1	X						
23	STICKER	2719-107-728R	1	X						
24	HANDLES	W95X1146R	2	X						
25	CENTRAL HANDLE	W92X0228-7R	1	X						
26	LEFT SIDE PANEL	R-3016-030-1/02R	1	X						
27	LOCK	0654-610-004R	2	X						
28	CABLE CLAMP	1119-510-100R	2	X						
29	STICKER	2719-107-732R	1	X						
30	STICKER (GAS)	2719-107-733R	1	X						
31	GAS SOLENOID K2	0972-423-040R	1	X						
32	SWITCH S1	1115-270-019R	1	X						
33	BLACK FRAME SHIELD	1115-299-073R	1	X						
34	POWER LEAD	R-5041-106-4R	1	X						
35	CABLE RELIEF	1361-599-674R	1	X						
36	RUBBER CABLE GROMMET	1361-599-198R	1	X						

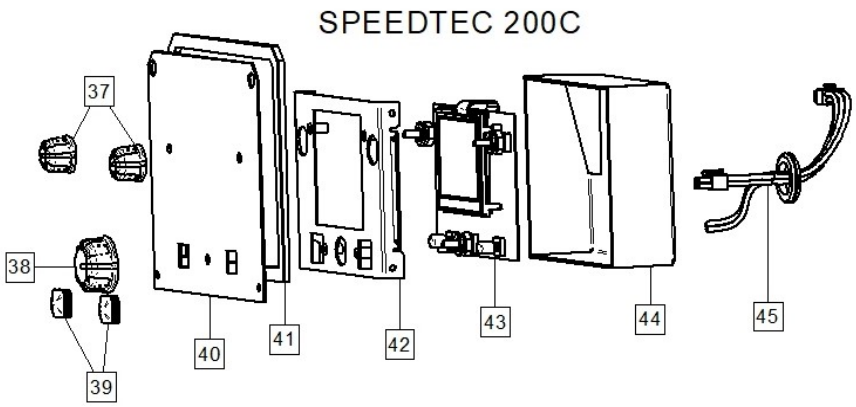


Figure B.

Figure B: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
37	KNOB	9SM22778-1	2	X						
38	KNOB	9SM22778-2	1	X						
39	RUBBER BUTTOM	1373-182-005R	2	X						
40	PANEL	R-0010-724-1	1	X						
41	FRONT PANEL GASKET	R-0010-838-1	1	X						
42	BRACKET	R-3019-269-1/08R	1	X						
43	P.C. BOARD COMPLETE	R-6042-063-1R	1	X						
	DISPLAY	0942-172-001R								
44	COVER	R-1019-302-1/08R	1	X						
45	WIRING HARNESS	R-5041-250-3R	1	X						

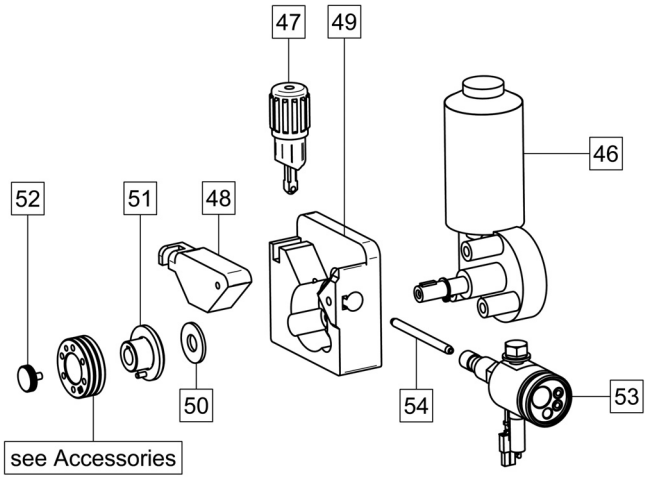


Figure C.

Figure C: Wire Drive Assembly & Euro Socket Assembly

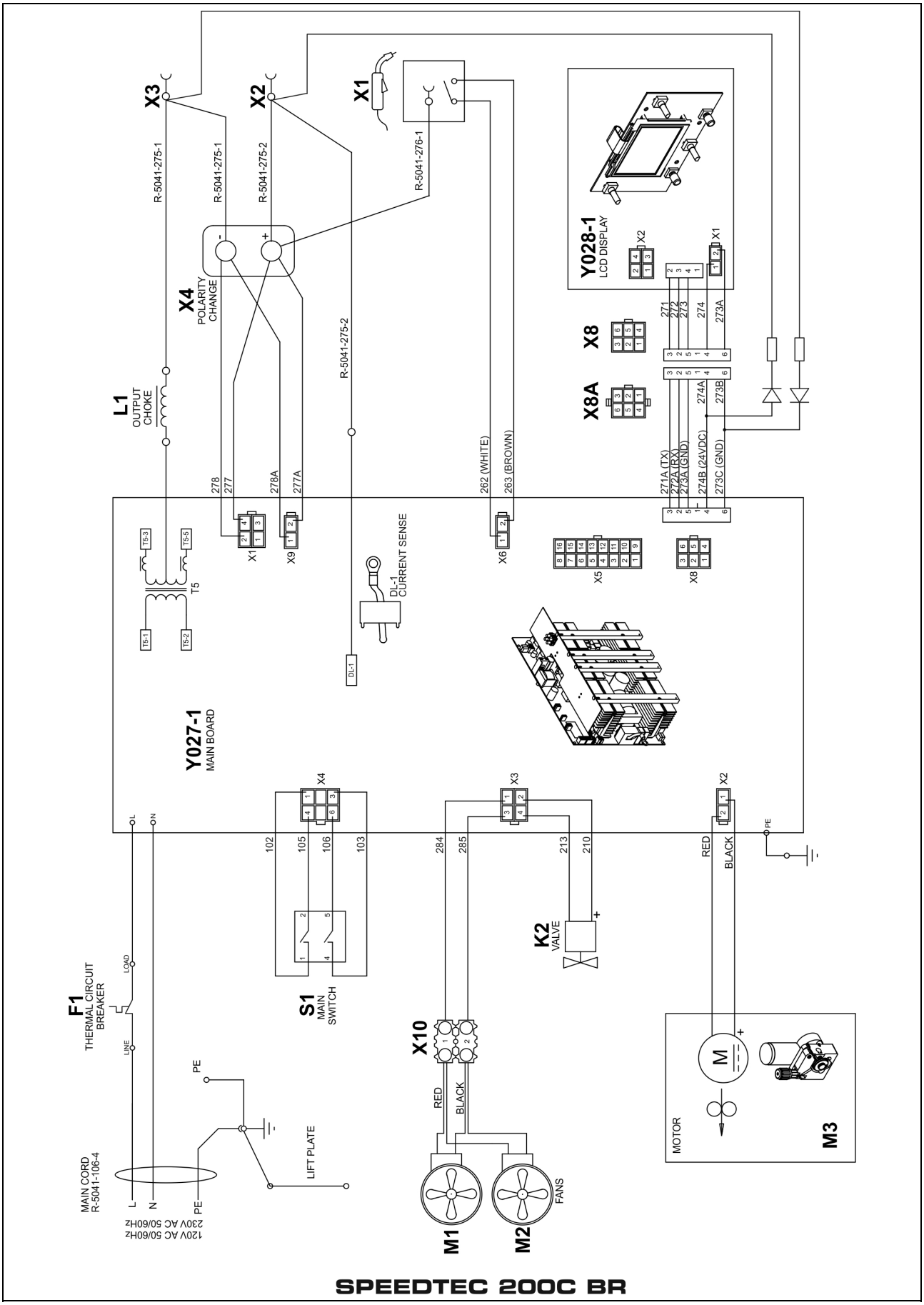
Item	Description	Part Number	QTY	1	2	3	4	5	6	7
	WIRE DRIVE ASSEMBLY	0744-000-269R	1	X						
46	MOTOR	0744-000-270R	1	X						
47	FIXING ARM COMPL.	0744-233-015R	1	X						
48	PRESSURE ARM COMPLETE	0744-000-249R	1	X						
49	FEED PLATE	0744-000-271R	1	X						
50	WASHER	0744-000-272R	1	X						
51	ADAPTER	0744-000-250R	1	X						
52	FIXING CAP	0744-000-251R	1	X						
53	EURO SOCKET X1	R-8040-294-2R	1	X						
54	OUTLET GUIDE	R-2010-017-1R	1	X						

Miscellaneous Items (not shown in figure A, B, C)

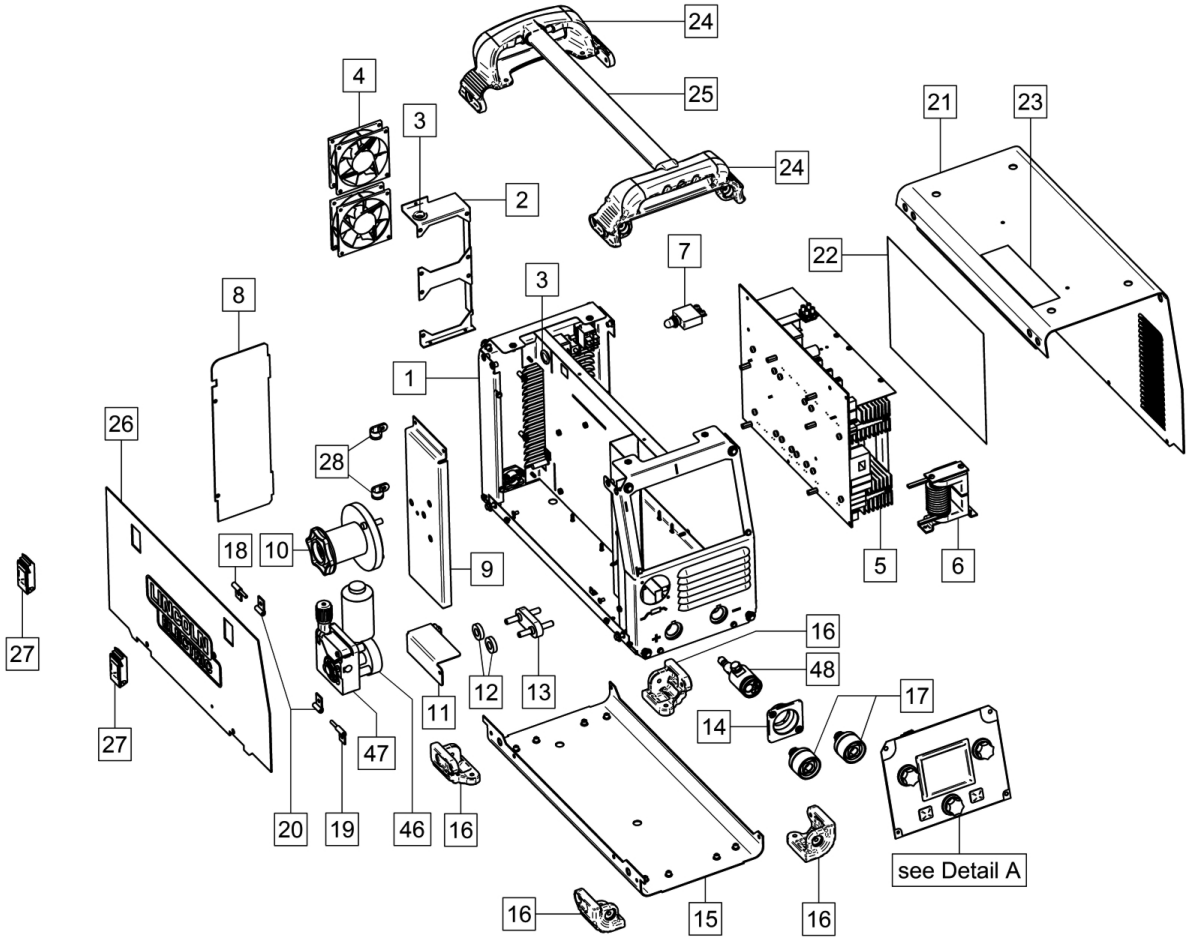
Item	Description	Part Number	QTY	1	2	3	4	5	6	7
55	WIRING HARNESS	R-5041-250-1R	1	X						
56	GROUND WIRE	R-5041-250-6R	1	X						
57	WIRING HARNESS	R-5041-250-8R	1	X						
58	WIRE	R-5041-275-1R	1	X						
59	WIRE	R-5041-275-2R	1	X						
60	WIRE	R-5041-276-1R	1	X						
61	VRD HARNESS	R-5041-290-1R	1	X						

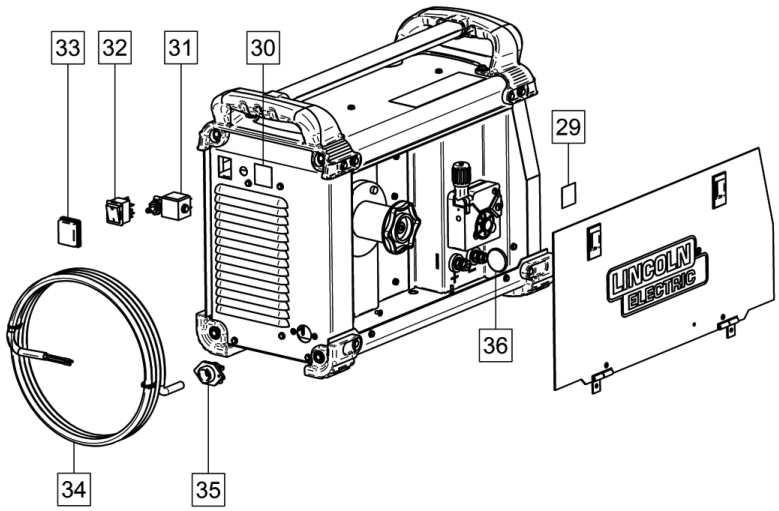
Electrical Schematic

CODE: 50588

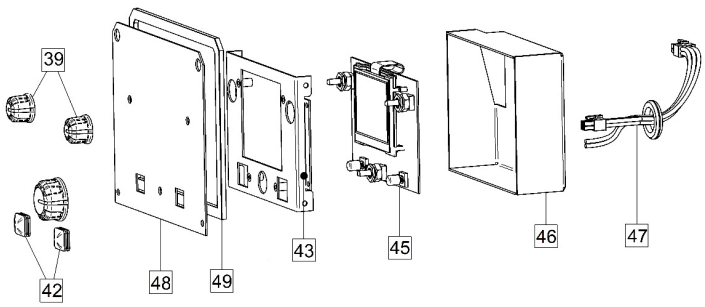


WEEE

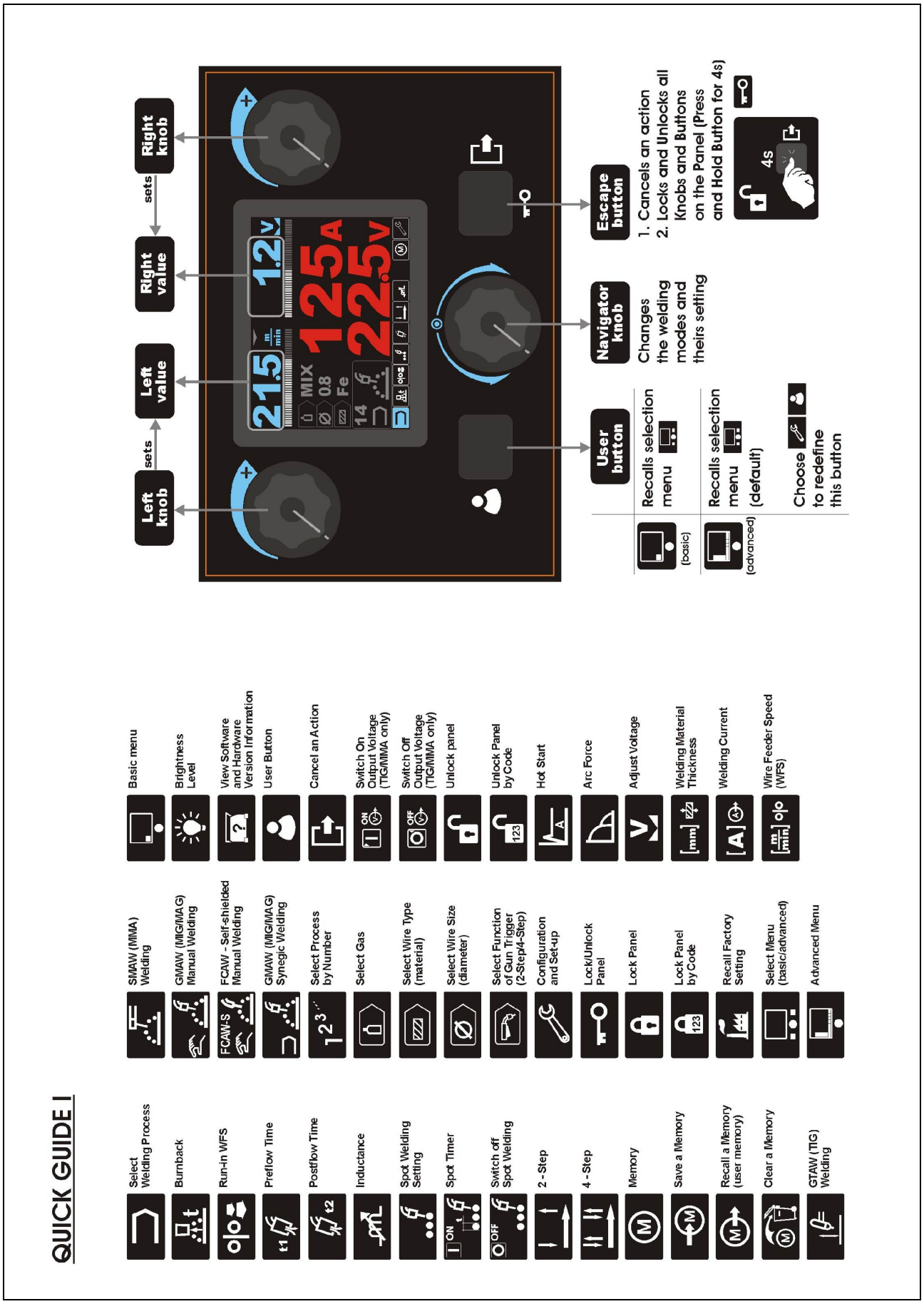


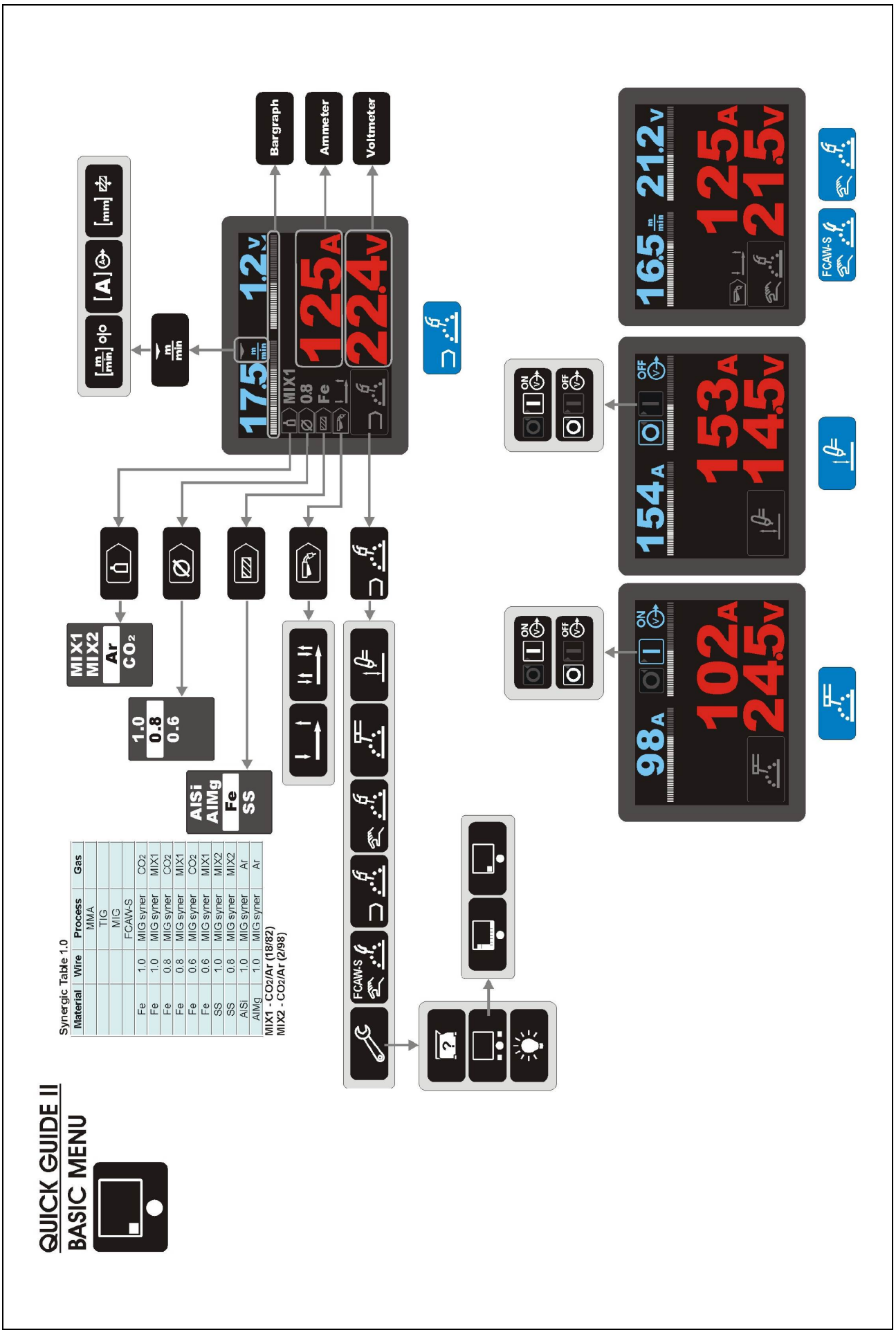


SPEEDTEC 200C

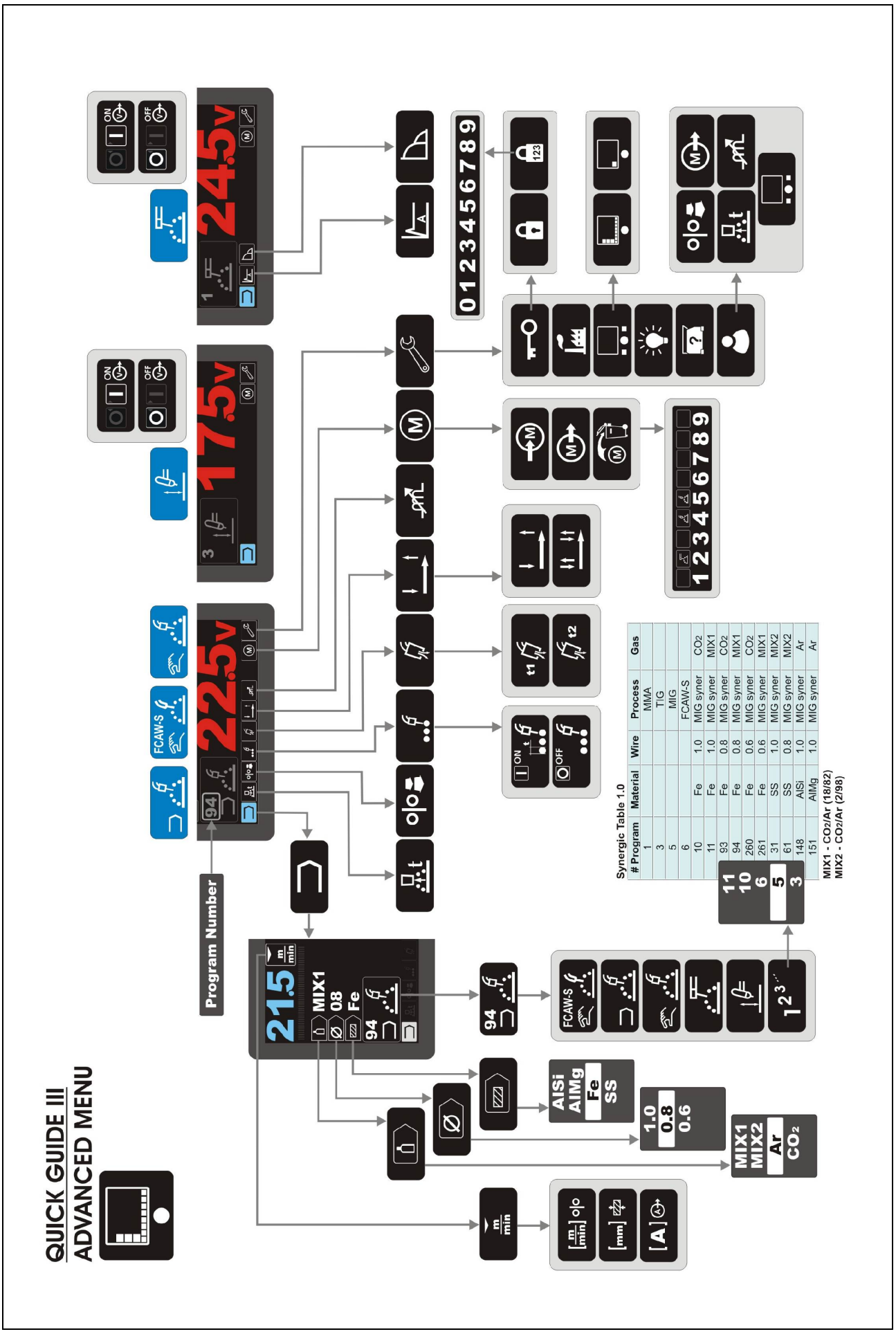


		Recycle				ST				
Description	Ref.	Fe	Al	Cu	Brass	Boards	Plastics	Liquid Cristal	External Electric Cables	Capacitors
RACK	1	X								
BRACKET	2	X								
COVER	8, 11, 15, 21,46		X							
LOCK	27						X			
LEFT SIDE PANEL	26		X							
FAN	4			X			X			
HINGLE	18, 19, 20	X								
P.C. BOARD	5		X	X		X	X			
P.C. BOARD	45					X		X		
WIRE REEL SPINDLE	10	X					X			
SUPPORT	9	X								
EURO SOCKET	48				X					
EURO SLEEVE	14						X			
SOCKET	17	X			X		X			
SWITCHES	32	X			X					
BLACK FLAME SHIELD	33						X			
KNOB	39						X			
BUTTON	42						X			
GAS SOLENOID	31	X		X	X		X			
INSULATOR RING	12						X			
WIRE FEEDER	47	X					X			
MOTOR	46	X		X	X		X			
TERMINAL BLOCK	13				X		X			
POWER LEAD	34			X					X	
CORNER CAP	16						X			
HANDLE	24						X			
HANDLE	25		X							
RUBBER CABLE BUSH	3, 36						X			
CABLE RELIEF	35						X			
CHOKE	6	X		X			X			
FRONT PANEL	40	X		X						
FRONT PANEL GASKET	49						X			
PANEL	48						X			
WIRING HARNESS	47								X	
STICKER	22,23,29,30, 38						X			
THERMAL CIRCUIT BREAKER	7	X			X		X			
CABLE CLAMP	28						X			


QUICK GUIDE I
Select Welding Process
Burnback
Run-in WFS
Preflow Time
Postflow Time
Inductance
Spot Welding Setting
Spot Timer
Switch off Spot Welding
2 -Step
4 -Step
Memory
Save a Memory
Recall a Memory (user memory)
Clear a Memory
GTAW (TIG) Welding
SMAW (MMA) Welding
GMAW (MIG/MAG) Manual Welding
FCAW - Self-shielded Manual Welding
GMAW (MIG/MAG) Synegic Welding
Select Process by Number
Select Gas
Select Wire Type (material)
Select Wire Size (diameter)
Select Function of Gun Trigger (2-Step/4-Step)
Configuration and Set-up
Lock/Unlock Panel
Lock Panel
Lock Panel by Code
Recall Factory Setting
Select Menu (basic/advanced)
Advanced Menu
Basic menu
Brightness Level
View Software and Hardware Version Information
User Button
Cancel an Action
Switch On Output Voltage (TIG/MMA only)
Switch Off Output Voltage (TIG/MMA only)
Unlock panel
Unlock Panel by Code
Hot Start
Arc Force
Adjust Voltage
Welding Material Thickness
Welding Current
Wire Feeder Speed (WFS)
Left knob
sets
Left value
Right value
sets
Right knob
User button
Navigator Knob
Escape button
Changes the welding modes and theirs setting
1. Cancels an action
2. Locks and Unlocks all Knobs and Buttons on the Panel (Press and Hold Button for 4s)
4s
Recalls selection menu
(basic)
Recalls selection menu
(default)
(advanced)
Choose
to redefine this button



Material	Wire	Process	Gas
		MMA	
		TIG	
		MIG	
		FCAW-S	
Fe	1.0	MIG syner	CO2
Fe	1.0	MIG syner	MIX1
Fe	0.8	MIG syner	CO2
Fe	0.8	MIG syner	MIX1
Fe	0.6	MIG syner	CO2
Fe	0.6	MIG syner	MIX1
SS	1.0	MIG syner	MIX2
SS	0.8	MIG syner	MIX2
AlSi	1.0	MIG syner	Ar
AlMg	1.0	MIG syner	Ar



# Program	Material	Wire	Process	Gas
1			MMA	
3			TIG	
5			MIG	
6			FCAW-S	
10	Fe	1.0	MIG syner	CO2
11	Fe	1.0	MIG syner	MIX1
93	Fe	0.8	MIG syner	CO2
94	Fe	0.8	MIG syner	MIX1
260	Fe	0.6	MIG syner	CO2
261	Fe	0.6	MIG syner	MIX1
31	SS	1.0	MIG syner	MIX2
61	SS	0.8	MIG syner	MIX2
148	AlSi	1.0	MIG syner	Ar
151	AlMg	1.0	MIG syner	Ar