


Control Boxes

Control Box Comparison Table

Features	SmartFuse 180 	PF Monomatic	PF Polymatic Plus USB	PF PolyControl Plus V2
3M Lead (Plasson code)	(2001026)	-	-	(2001008)
5M Lead (Plasson code)	-	(2001001)	(2001005)	
10M Lead (Plasson code)	-	(2001002)	(2001006)	
15M Lead (Plasson code)	-	(2001005)	(2001007)	
Fitting size	up to 180mm	up to 355mm	up to 800mm (sizes above 355mm require cooling between welds)	Any size, continuous welding, no cooling
Welds	Plasson only (competitor allowance with App)	Plasson only (competitor allowance with App)	Any EF fittings	Any EF fittings
Weld Tip Size	4.7/4.0mm Universal	4.7/4.0mm Universal	4.7/4.0mm Universal	4.7/4.0mm Universal
Bluetooth	Y	Y	Y	Y
Plasson SmartFuse Mode (Automatic)	Y	Y	Y	Y
Manual Input of Welding Time	N	N	Y	Y
Welding Voltage	39.5V	39.5V	8-48V	8-48V
Output Current (Maximum)	-	60A (80A)	80A (110)A	90A (105A)
Data recording	Y with app	Y with app	Y	Y
Multilingual Display Messages	-	Y	Y	Y
Error messages in plain text	Y	Y	Y	Y
Adjustable display contrast	-	Y	Y	Y
Dynamic process supervision	Y	Y	Y	Y
Auto software check	Y	Y	Y	Y
Resistance check	Y	Y	Y	Y
Ramped start	Y	Y	Y	Y
Service Message	After 200 Hours or 12 Months	After 200 Hours or 12 Months	After 200 Hours or 12 Months	After 200 Hours or 12 Months
Barcode reading capability	Y with app	Y with app	Y	Y
Fitting and Operator traceability	Y with app	Y with app	Y	Y
Earth Pin	10A	15A	15A	15A
Active Cooling	N	N	N	Y