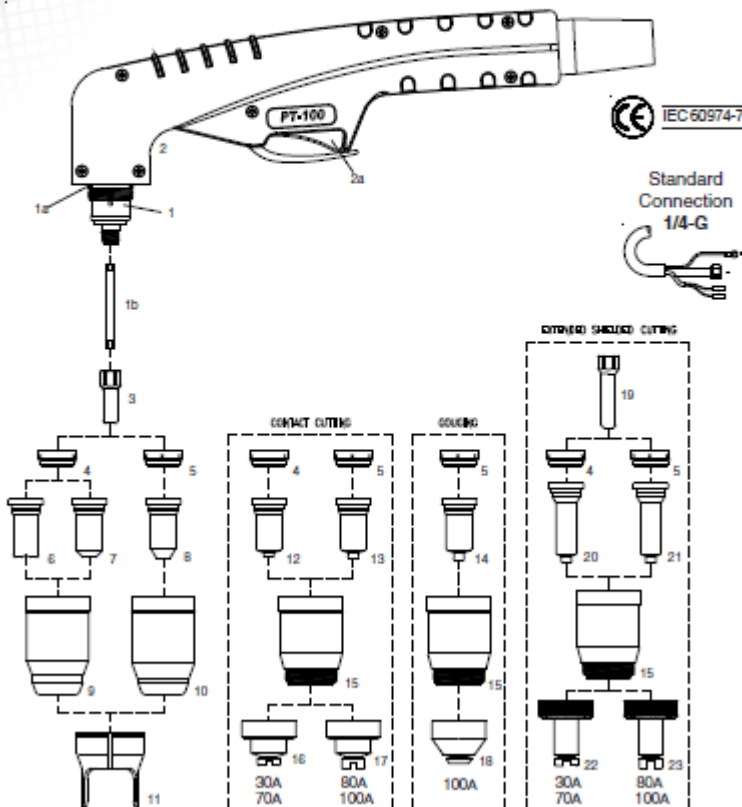


PT-100

Technical Data PT-100

Current :	30-100 Amps	For the correct operation please use:
Duty Cycle:	100 Amps 60%	3-Ways Solenoid Valve, inside orifice
Gas:	Air/N ₂	3.5-4.0mm - (0.138-0.157 inches)
Gas Pressure:	70-80 PSI (4.6-5.0 bar)	
Gas Flow:	420 SCFH (200 lpm)	
Pilot :	Electrode to Tip (18-22A)	
Ignition:	Without HF	



Replacement Parts PT-100

Torch parts

Item	Description	Code
1	● PT-100 Hand Torch Head	09700
1a	● O-Ring	51190.41
1b	● Cooling Tube	09700.48
2	● Handle with Switch	09705
2a	● Switch	07301.20
3	● Electrode, Back Striking	52556
4	● Swirl ring, 30-70A	60025
5	● Swirl ring, 80-100A and Gouging	60026
6	● Tip, Contact Cutting, ø 0.9, 30-40A, Back Striking	51245.09
7	● Tip, Cutting, ø 1.0, 40-50A, Back Striking	51246.10
	● Tip, Cutting, ø 1.1, 50-60A, Back Striking	51246.11
	● Tip, Cutting, ø 1.2, 60-70A, Back Striking	51246.12
8	● Tip, Cutting, ø 1.4, 80-90A, Back Striking	51248.14
	● Tip, Cutting, ø 1.5, 100A, Back Striking	51248.15
9	● Retaining Cap, 30-70A	60500
10	● Retaining Cap, 80-100A	60501
11	● Double Pointed Spacer (for use with item. 7 and 8 only)	60444
N/S	● Wrench for electrode	60368

Torches and Leads

PT-100	Hand Torch, 6m (20 ft) Leads, Coaxial Cable	09720CX
PT-100	Hand Torch, 12m (40 ft) Leads, Coaxial Cable	09725CX
PT-100	Lead Assembly, Hand, 6m (20 ft) Length, Coaxial Cable	09760CX
PT-100	Lead Assembly, Hand, 12m (40 ft) Length, Coaxial Cable	09765CX

Accessories

Item	Description	Code
12	● Contact Tip, ø 1.0, 40-50A, Back Striking	51276.10
	● Contact Tip, ø 1.1, 50-60A, Back Striking	51276.11
	● Contact Tip, ø 1.2, 60-70A, Back Striking	51276.12
13	● Contact Tip, ø 1.4, 80-90A, Back Striking	51278.14
	● Contact Tip, ø 1.5, 100A, Back Striking	51278.15
14	● Tip, Gouging, 100A, Back Striking	51278G.22
15	● Shield Cup Body	60502
16	● Shield Cap, Hand, 40-70A	60504
17	● Shield Cap, Hand, 80-100A	60505
18	● Shield Cap, Gouging	60508
19	● Extended Electrode	52556L
20	● Extended Shielded Tip, ø 1.0, 40-50A,	51276L.10
	● Extended Shielded Tip, ø 1.1, 50-60A,	51276L.11
	● Extended Shielded Tip, ø 1.2, 60-70A,	51276L.12
21	● Extended Shielded Tip, ø 1.4, 80-90A,	51278L.14
	● Extended Shielded Tip, ø 1.5, 100A,	51278L.15
22	● Extended Shielded Cap, Hand, 40-70A	60504L
23	● Extended Shielded Cap, Hand, 80-100A	60505L
N/S	● Circle Cutting Attachment	51864

Torches with different cable covers and connectors available on request

Back Striking



Monogas

Air or N₂