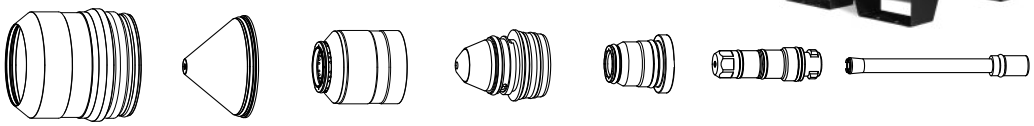
HYPERTHERM®
A Hypertherm Associates Brand



XPR300®

Consumables



Mild steel

Amperage	Process	Shield cap	Shield	Nozzle retaining cap	Nozzle	Swirl ring	Electrode	Water tube
30 A	O_2/O_2	420200	420228	420365	420225	420407	420222	420368
50 A	O_2/Air	420200	420237	420365	420234	420233	420231	420368
80 A	O_2/Air	420200	420246	420365	420243	420242	420240	420368
130 A	O_2/Air	420200	420255	420365	420252	420242	420249	420368
170 A	O_2/Air	420200	420513	420365	420261	420260	420258	420368
220 A	O_2/Air	420200	420273	420365	420270	420406	420276	420368
300 A	O_2/Air	420200	420491	420365	420279	420406	420276	420368

Non-ferrous by amp

40 A	N_2/N_2	420200	420291	420365	420288	420314	420303	420368
	Air/Air	420200	420291	420365	420288	420314	420294	420368
60 A	N_2/N_2	420200	420309	420365	420297	420323	420303	420368
	F5/N_2	420200	420309	420365	420297	420323	420303	420368
	N_2/H_2O	420200	420300	420365	420296	420323	420303	420368
	Air/Air	420200	420309	420365	420297	420323	420294	420368
80 A	N_2/N_2	420200	420309	420365	420306	420323	420303	420368
	F5/N_2	420200	420309	420365	420306	420323	420303	420368
	N_2/H_2O	420200	420300	420365	420290	420323	420303	420368
	Air/Air	420200	420309	420365	420306	420323	420294	420368
130 A	N_2/N_2	**420200**	420318	420365	420315	420314	420356	420368
	H_2-Ar-N_2/N_2	420200	420318	420365	420315	420323	420356	420368
	N_2/H_2O	420200	420469	420365	420315	420314	420356	420368
170 A	N_2/N_2	420200	420327	420365	420324	420314	420356	420368
	H_2-Ar-N_2/N_2	420200	420327	420365	420324	420323	420356	420368
	N_2/H_2O	420200	420472	420365	420324	420314	420356	420368
	Air/Air	420200	420513	420365	420524	420260	420258	420368
300 A	N_2/N_2	420200	420362	420365	420359	420323	420356	420368
	H_2-Ar-N_2/N_2	420200	420362	420365	420359	420358	420356	420368
	N_2/H_2O	420200	420475	420365	420359	420323	420356	420368

Non-ferrous by process

N_2/N_2	40 A	420200	420291	420365	420288	420314	420303	420368
	60 A	420200	420309	420365	420297	420323	420303	420368
	80 A	420200	420309	420365	420306	420323	420303	420368
	130 A	420200	420318	420365	420315	420314	420356	420368
	170 A	420200	420327	420365	420324	420314	420356	420368
	300 A	420200	420362	420365	420359	420323	420356	420368
F5/N_2	60 A	420200	420309	420365	420297	420323	420303	420368
	80 A	420200	420309	420365	420306	420323	420303	420368
Air/Air	40 A	420200	420291	420365	420288	420314	420294	420368
	60 A	420200	420309	420365	420297	420323	420294	420368
	80 A	420200	420309	420365	420306	420323	420294	420368
	170 A	420200	420513	420365	420524	420260	420258	420368
N_2/H_2O	60 A	420200	420300	420365	420296	420323	420303	420368
	80 A	420200	420300	420365	420290	420323	420303	420368
	130 A	420200	420469	420365	420315	420314	420356	420368
	170 A	420200	420472	420365	420324	420314	420356	420368
	300 A	420200	420475	420365	420359	420323	420356	420368
H_2-Ar-N_2/N_2	130 A	420200	420318	420365	420315	420323	420356	420368
	170 A	420200	420327	420365	420324	420323	420356	420368
	300 A	420200	420362	420365	420359	420358	420356	420368

TECHNOLOGIES

Chambered swirl ring
Conical Flow™
CoolFlow™
Cool nozzle
HyDefinition®
LongLife®
PowerPierce®
Plasma dampening
QuickLock™ electrode
TrueFlow™
Vented shield
Vent-to-shield
VWI™

XPR300®



Torch assembly options

	Part number Standard	Part number Standard Bevel/Robotic	Part number Bevel/Robotic	Description
	428383	428825	428831*	Lead: 2 m (6.6')
	428384	428826	428832*	Lead: 2.5 m (8.2')
	428385	428827	428833*	Lead: 3 m (9.8')
	428386	428828	428834*	Lead: 3.5 m (11.5')
	428824	428829	428835*	Lead: 4 m (13.1')
	428387	428830	428836*	Lead: 4.5 m (14.8')
		428978**	428979**	Lead: 6 m (20')**
		428916		Lead: Thru arm robotic 3.5 m (11.5')
		428918		Lead: Thru arm robotic 4.5 m (14.8')
1	420500			Torch mounting sleeve: Standard
	420501			Torch mounting sleeve: Short
	420502			Torch mounting sleeve: Extended
5		420788		Rotational torch mounting sleeve: Short
		420789		Rotational torch mounting sleeve: Medium
		420790		Rotational torch mounting sleeve: Extended
2	420220			Quick-disconnect torch receptacle
3	420221			Quick-disconnect XPR torch
4	420368			Water tube

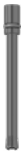
* Bevel/Robotic lead sets 428831–428836 include an extended 1.2 m (48") strain relief.

** The 6 m (20') lead is compatible only with console to console gas assemblies that are 7.5 m (24.6') or less.









Additional parts available

Part number	Description
429013	XPR electrode torque tool
10080574	XPR consumable tool
027055	Silicone lubricant for o-rings
028872	Torch coolant – Cool solution: 70/30 PG, 1-gal.
428616	XPR300 Mild steel consumables starter kit
428618	XPR300 Mild steel consumables starter kit (torch included)
428617	XPR300 Stainless steel consumables starter kit
428619	XPR300 Stainless steel consumables starter kit (torch included)
428945	XPR300 Core console non-ferrous consumables starter kit
809480	XPR300 plasma instruction manual
809490	XPR Preventive maintenance instruction manual
428639	Torch rebuild and filter without coolant preventive maintenance kit
428640	Torch rebuild and filter with coolant preventive maintenance kit
428641	XPR300 Electronics preventive maintenance kit (200–240 V)
428642	XPR300 Electronics preventive maintenance kit (380–600 V)

For more information, visit: www.hypertherm.com

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Please visit www.hypertherm.com/patents for more details about Hypertherm Associates patent numbers and types.

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