

KOLARC

BUILDING THE FUTURE



Robotic Interfaces

Ethernet

Others



DeviceNet

EtherNet/IP

CANopen



EtherCAT



TX400W



TX400



TECHNICAL SPECIFICATIONS

Input Voltage
Mains Voltage Tolerance
Minimum Welding Current
Maximum Welding Current
TIG Duty Cycle, 40°C
MMA Duty Cycle, 40°C
Open – Circuit Voltage
Weight
Standard Accessories

Dimensions (L, B, H)
Certification

400 V
- 10 % / + 15 %
10 A
400 A
400 A %45 , 350 A %60 , 300 A %100
400 A %45 , 350 A %60 , 300 A %100
58 V - 75 V
Liquid Cooled 55 kg
4 m Power Cable (4 x 4 mm²)
3 m Earth Clamp (50 mm²)
Gas Hose (1.5 m)
TX19 Torch 4 M
532mm x 987mm x 1040mm
CE

400 V
- 10 % / + 15 %
10 A
400 A
400 A %45 , 350 A %60 , 300 A %100
400 A %45 , 350 A %60 , 300 A %100
58 V - 75 V
Air Cooled 27 kg
3 m Power Cable (4 x 4 mm²)
3 m Earth Clamp (50 mm²)
Gas Hose (1.5 m)
TX27 Torch 4 M
220mm x 404mm x 581mm
CE

TX270W



400 V
- 10 % / + 15 %
10 A
270 A
270 A %45, 220 A %60, 180 A %100
270 A %45, 220 A %60, 180 A %100
58 V - 75 V
Liquid Cooled 54 kg
4 m Power Cable (4 x 4 mm²)
3 m Earth Clamp (50 mm²)
Gas Hose (1.5 m)
TX19 Torch 4 M
532mm x 987mm x 1040mm
CE

TX270



400 V
- 10 % / + 15 %
10 A
270 A
270 A %45, 220 A %60, 180 A %100
270 A %45, 220 A %60, 180 A %100
58 V - 75 V
Air Cooled 27 kg
4 m Power Cable (4 x 2 mm²)
3 m Earth Clamp (50 mm²)
Gas Hose (1.5 m)
TX27 Torch 4 M
220mm x 404mm x 581mm
CE

TX220



230 V
- 10 % / + 15 %
10 A
190 A
170 A %45, 110 A %60, 90 A %100
170 A %45, 110 A %60, 90 A %100
58 V - 75 V
Air Cooled 27 kg
3 m Power Cable (3 x 2.5 mm²)
3 m Earth Clamp (35 mm²)
Gas Hose (1.5 m)
TX27 Torch 4 M
218mm x 443mm x 525mm
CE

Model

Technical Data

Cooling Method	Air-Cooled	Liquid-Cooled	Air-Cooled
Rating: CO ²	180A	380A	125A
Rating: Mixed Gas	125A	270A	85A
Duty Cycle	%35	%100	%35
Wire Size	1.0-4.0	1.0-4.0	1.0-4.0
Minimum Liquid Flow	-	1.0 L/min	-
Minimum Liquid Inlet Pressure	-	2.0 Bar	-
Maximum Liquid Inlet Pressure	-	5.0 Bar	-
Maximum Liquid Inlet Temperature	-	50°C	-
Product Code	H3572	H3571	H3570
Variant	00001 00002	00001 00002	00001 00002
Length	3M 18M	3M 18M	3M 18M



Ceramics will last 5 times longer.

1- Back Caps will last **10 times longer** .

2- Gas Lens Bodies will last **20 times longer** .

3- Collet Bodies will last **10 times longer** .

Standard / Optional Accessories



4M and 8M Torches



Liquid Cooling Unit



Trolley



C Type Earth Clamp

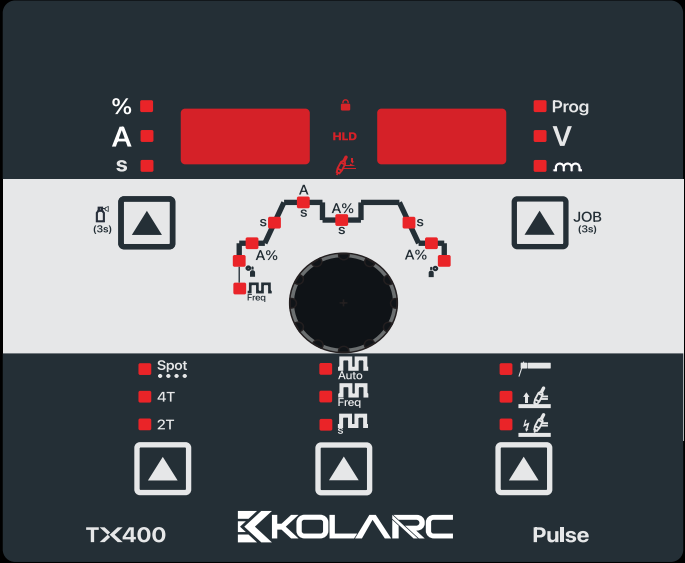


Gas Regulator

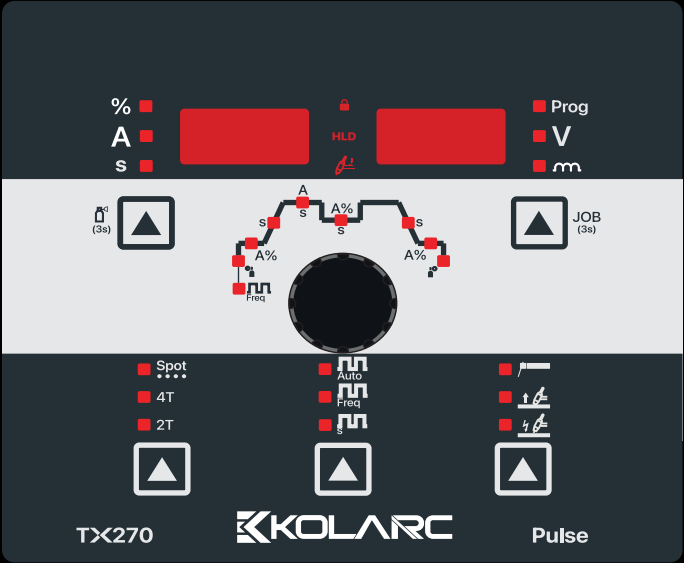


Coolant 2.5L

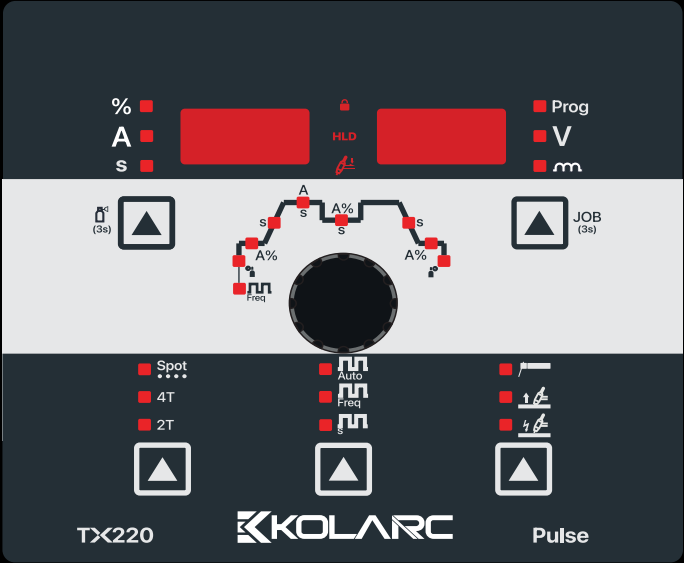
Customizable user interface



TX400



TX270



TX220



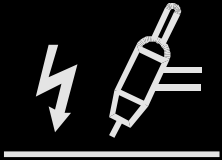
Decreases heat input, which in turn reduces distortion and discolouration



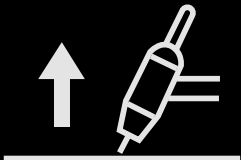
To precisely control the width and penetration of the weld bead for any metal



To increase arc stability and penetration characteristics at low currents, the current is pulsed automatically.



The welding torch can be positioned perfectly. The welding start can therefore be controlled perfectly.



Prevents tungsten inclusions through non-contact arc ignition



Minimised time required for tacking and spot welding due to individual triggering of the tack points with the torch trigger

