

# Service Support Spirit

## How to connect Aricut60/105/120 Plasma with Scout2

→ The Plasma connect to Scout-2, 2 cable need to be connected.

→ Scout 2 connect terminal:

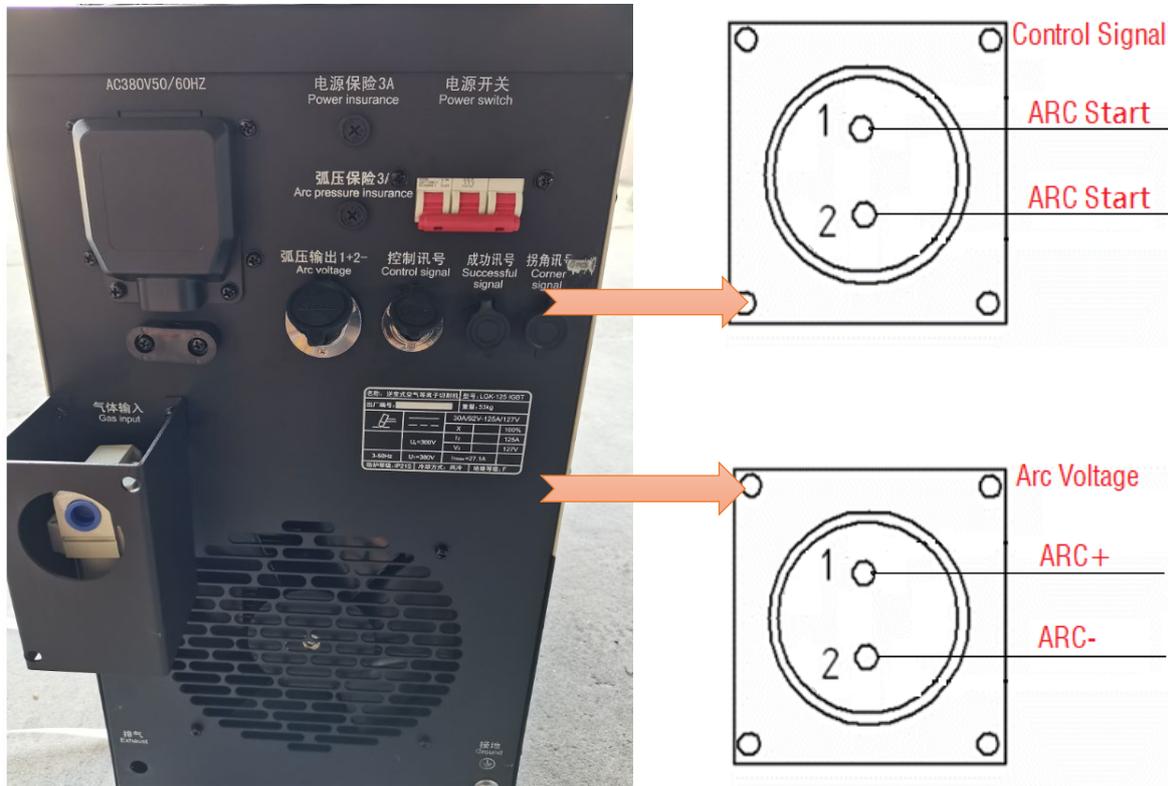
	Terminal No.	
Scout-2 connect terminal	START	The CNC plasma arc initiation signal
	START	
	ARC+	The CNC arc voltage signal
	ARC-	



# Service Support Spirit

→ **Aricut60/105/120** Plasma connect terminal:

**Note:** The customer needs to connect the power cable according to the actual plasma models;



✦ Refer to the following table when connecting the Aricut60/105/120 to CNC controller with cable.

Signal	Type	Notes	Connector sockets
ARC Start	Input	The CNC plasma arc initiation signal	1Pin--Control signal
ARC Start			2Pin--Control signal
Successful Signal	Output	Normally open. Dry contact closure when the arc transfers.	1Pin--Successful Signal
			2Pin--Successful Signal
ARC+	Output	Divided arc signal of 1: 1	1Pin-- Arc Voltage
ARC-			2Pin--Arc Voltage

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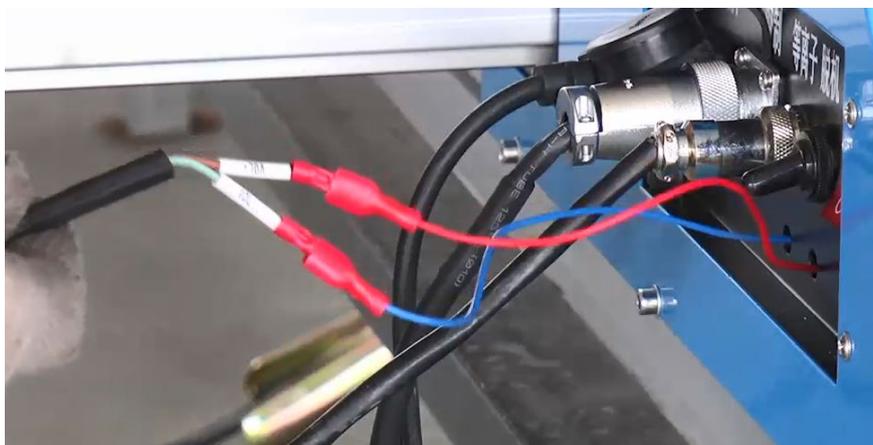
➔ Cable connecting method:

	Terminal No.	Corresponding interface of POWERMAX45 XP	The interface
Scout-2 connect terminal	START	1Pin--Control signal	Aricut60/105/1 20
	START	2Pin--Control signal	
	ARC+ Red line	1Pin-- Arc Voltage	
	ARC- Blue line	2Pin--Arc Voltage	

➔ Signal connection of arc starting



➔ Signal connection of ARC+/ARC-



## Service Support Spirit

→ Plasma torch has three positions to install, As picture



→ The three rocker switches on the plasma front panel must be turned on

