

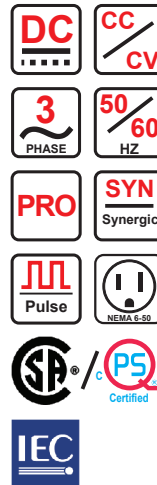
● Heavy Industrial

DIGITECH PULSE VISION

The **DIGITECH PULSE VISION** uses a powerful microprocessor and cutting-edge arc control software – vision.ARC2 – to produce top-quality welding performance. DIGITECH PULSE VISION equipment features a synergic digital control that automatically determines the best welding parameters, based on the unique materials, wire diameters and gas selected in any given situation. DIGITECH PULSE VISION's innovative digital control with color display fully combines synergy and complete control of all welding parameters to create a state-of-the-art approach to welding. Technologically advanced, powerful and easy-to-use, the DIGITECH PULSE VISION offers premium welding quality at a high speed in PULSED MIG, DUAL PULSED, MIG-MAG, MMA and TIG with lift striking and a separate wire feeder. The DIGITECH PULSE VISION represents the best welding solution in any industrial field, offering high-precision repeatable results.

FEATURES

- Software equipped for the arc control to achieve a more perfect and stable arc.
- Very precise and faster operation of power source control.
- Perfect detachment of the droplet, mostly in MIG PULSED and DUAL PULSED.
- Consequent reduction in distortions, an improvement in the puddle and considerable increase in welding speed.
- Possibility to be integrated into automated welding equipment.
- Ability to connect to any Robot by means of a Robot Interface which can handle several analogic, fieldbus digital protocols depending on the features of the Robot to be used.
- Optional "Vision Pipe software platform" which enables to weld for more accurate welding in pipe first root pass.
- Optional "Vision Cold software platform" which enables to weld for low heat transfer MIG/MAG welding.
- Optional "Vision Ultra Speed software platform" to weld small and medium thickness at a far higher speed.
- Optional "Vision Power software platform" to obtain deeper penetration on medium and large thickness material.
- Optional "Vision Pulse-Up platform" dedicated to vertical up welding.
- Optional "Vision Pulse-Power platform" for a greater penetration together with an increase in welding speed.
- Optional "Vision Pulse-Run platform" for a faster pulse welding.



PROCESSES



GMAW - SOLID WIRE
FCAW - FLUX - CORE WIRE



GTAW (DC) - SCRATCH / LIFT START



SMAW



PULSED



DUAL PULSED

DIGITECH PULSE VISION Technical Specification

Process	MIG	Stick Electrode	TIG
Input Voltage Range (Three Phase, 50/60 Hz)	400 V±20%		
Primary Current@Max Welding Current	36.5 A	38	30
Maximum Primary Effective Current (I1 eff max)	27.5 A	29	21
Welding Current Range	10 - 400 A	20 - 400 A	20 - 400 A
Duty Cycle @ Maximum Welding Current in 104° F (40° C)	50% (400 A)	50% (400 A)	50% (400 A)
Welding Current @ 100% Duty Cycle in 104° F (40° C)	330 A @ 100%	330 A @ 100%	330 A @ 100%
Welding Current @ 60% Duty Cycle in 104° F (40° C)	370 A @ 60%	370 A @ 60%	370 A @ 60%
Open Circuit Voltage : Volt	70 V DC	70 V DC	70 V DC
Output Voltage Range	14.5 - 34 V	20.8 - 36 V	10.8 - 26 V
Weight : lb. (Kg)	86 lb. (39 Kg)		
Dimensions Including Handle (D,W,H) : inch (mm)	26 x 11.4 x 20.27 inch (660 x 290 x 515 mm)		
CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE			

Available Model :

DIGITECH PULSE VISION (PLM004685)














What Is Included

DIGITECH PULSE VISION

ITEM	PART NO.	
DIGI TECH PULSE VISION	CW004685	
Ground Clamp Set (450-540 A - 10 ft) , AWG 3	ALP2280520	
Electrode Holder Set (280-320A - 10 ft), AWG 1	ALP2280098	
MIG Gun Panasonic® Style (500 A - 4m)	CWGP GPN500A-40E-42	
Regulator	CW-RMV-250-30LM-AR	
Welder Cart CT 70	CW234914	
MIG Drive Rolls (0.8-1.0 mm V Groove)	SET0810V	
MIG Drive Rolls (0.9-1.1 mm V Groove)	SET0911V	
MIG Drive Rolls (0.9-1.1 mm U Groove)	SET0911U	
MIG Torch Panasonic® Style Consumable Kits	ALPCON5001	

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Ground Clamp Set (390-460 A - 10 ft) , AWG 2	ALP2280503		TIG Torch Air Cooled (26 SERIES)	CWVG26VFX-SL-12-SL-GS4	
Ground Clamp Set (390-460 A - 20 ft) , AWG 2	ALP2280504		Cooling Unit	CW032092-A	
Ground Clamp Set (500 A - 20 ft) , AWG 1	ALP1980455		C9 Black (Series Helmets)	CWPOWER-990T-BLK	
Electrode Holder Set (390-460 A - 10 ft) , AWG 2	ALP2280097		C5 Black (Series Helmets)	CWELITE-550S-BLK	
Electrode Holder Set (390-460 A - 20 ft) , AWG 2	ALP2280101		C8 Black (Series Helmets)	CWPOWER-980S-BLK	
Electrode Holder Set (340-390 A - 20 ft) , AWG 1	ALP2280100		C8 Coal Fire (Series Helmets)	CWPOWER-980S-CO	