



**DYNAVATION  
ELECTRONICS**



# DVF30 SERIES FUNCTION GENERATOR

## Features:

- Frequency Output (0.01 $\mu$ Hz Resolution) : 30 MHz - Sine, Square & Triangle. 6 MHz - Pulse, TTL & Arbitrary. Output Channels : 2 Channels Sampling Rate : 266 MSa/S (Vertical Resolution - 14 Bits) Waveforms : Sine, Square, Pulse (Adjustable Duty Cycle, Precise Adjustment of Pulse Width & Period), Triangular Wave, Partial Sine Wave, CMOS Wave, DC Level (Set DC Amplitude By Adjusting Offset), Half Wave, Full Wave, Positive Staircase Wave, Anti-Ladder Wave, Noise Wave, Exponential Rise, Exponential Drop, Multisonic Wave, Symplectic Pulse, Lorenz Pulse. 60 Arbitrary Waveforms



## SPECIFICATIONS

MODEL	DVF15	DVF30
Frequency Output	15 MHz - Sine, Square & Triangle 6 MHz - Pulse, TTL & Arbitrary.	30 MHz - Sine. 25 MHz Square & Triangle. 6 MHz - Pulse, TTL & Arbitrary
Amplitude	2 Channels	
Sampling Rate	266 MSa/S (Vertical Resolution - 14 Bits)	
Freq. Meas. & M.F. Counter	Sine, Square, Pulse (Adjustable Duty Cycle, Precise Adjustment of Pulse Width & Period), Triangular Wave, Partial Sine Wave, CMOS Wave, DC Level (Set DC Amplitude By Adjusting Offset), Half Wave, Full Wave, Positive Staircase Wave, Anti-Ladder Wave, Noise Wave, Exponential Rise, Exponential Drop, Multisonic Wave, Symplectic Pulse, Lorenz Pulse & 60 Arbitrary Waveforms.	
Amplitude	Sine Wave	Frequency $\leq$ 10MHz : 2mVpp ~ 20Vpp Frequency $\geq$ 10MHz : 2mVpp ~ 10Vpp.
	Square Wave & Triangle Wave	Frequency $\leq$ 10MHz : 2mVpp ~ 20Vpp Frequency $\geq$ 10MHz : 2mVpp ~ 5Vpp
Freq. Meas. & M.F. Counter	Frequency Range : 1 Hz ~ 100 MHz	
Other Functions / Facilities	D.C. Offset, Sweep (Lin. / Log.), Burst & Settings Store/Recall	
Display	2.4" TFT LCD	
Interface	USB & TTL Ext.	
Accessories	Power Adaptor, User Manual (Printed / C.D.), S/W C.D., USB Cable & BNC Cable.	
Power source	DC 5V ( $\pm$ 0.5V) - Adaptor for 220 V AC ( $\pm$ 10%) / 50 Hz ( $\pm$ 3 Hz) Provided	



\* All Specifications & appearances are subject to change without prior notice.