

## Specification of DF1906 Series

- Oscillation Frequency Range: 0.1mHz to 2MHz
- Output Waveform
  - Sine
  - Triangle (Variable Symmetry)
  - Square (Variable Duty Factor)
  - Arbitrary (ARB)
  - DC
- Vertical Resolution of Waveform: 12-bit
- Waveform and Frequency
  - Sine
  - Square (Duty 50%): 0.1mHz to 2MHz
  - Triangle
  - Square (Other Than Duty 50%): 0.1mHz to 50kHz
  - ARB: 0.1mHz to 50kHz
- Frequency Setting Resolution: 0.1mHz
- Frequency Accuracy:  $\pm 25$ ppm
- Triangle Wave Variable Symmetry
  - Setting Range: 0% to 100%
  - Resolution of Settings: 0.1%
- Square Wave Variable Duty Range
  - Setting Range: 0% to 100%
  - Resolution of Settings: 0.1%
- Arbitrary Waveform Size and Number: 4K Words, 4 Waves
- Maximum Output Voltage: 10Vp-p/Open
- Output Voltage Resolution: 0.001Vp-p
- DC Offset:  $\pm 5.000$ V/Open, Resolution 0.001V
- Output Impedance: 50 $\Omega$ , Unbalanced
- Oscillation Modes: Continuous, Trigger, Gate and Burst
- Other Functions
  - Load Function (Sets and Displays Actual Output Voltage When Load is Open or 50 $\Omega$ )
  - Output On/Off Function
  - Setting Memory (Save/Call 20 Sets of Setting Items)
  - Battery Backup
  - Initializing Function
  - Input/Output Ground
- Arbitrary Waveform Editor: Standard Equipped
- Interface: USB, USBTMC
- Power Requirements: AC90V to AC240V
- Power Consumption: 20VA or Less
- Dimension: 216mm (W) x 132.2mm (H) x 93.5mm (D)
- Weight: Approx. 1.2kg