



**Scientech 4066 Pulse Generator** offers low rise and fall time pulse signals at high repetition rate up to 10MHz to meet today's Test & Measurement needs. The Scientech 4066 features pulse width controls in 6 steps with variable adjustment. It's External and Manual Triggering, FM and Gating output is very useful in Education & Training. Simultaneously Pulse & Sync outputs can be utilized for various applications in Electronic Laboratory, R&D & Industry.

## Features

- **Frequency range upto 10 MHz**
- **Fast Rise/Fall time ( $\leq 20\text{ns}$ )**
- **Variable Pulse width**
- **Manual/External Triggering**
- **Output Modes: Normal, Invert, Square**
- **Input Modes: Normal, Trigger, FM, Gate**
- **Pulse and Sync outputs**
- **Light weight**
- **3 Year Warranty**



Designed & Manufactured by-

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## Technical Specifications

<b>Frequency Range</b>	: Pulse 10Hz to 10MHz in 6 ranges & variable control.
<b>Square Wave Repetition</b>	: 50Hz to 5MHz in 6 in between ranges & variable control.
<b>Pulse Width</b>	: 50ns - 50ms in 6 ranges & variable control
<b>Duty cycle</b>	: Normally upto 80%, 50% at 10MHz
<b>Rise &amp; Fall Time</b>	: $\leq 20\text{ns}$
<b>Output modes</b>	: Normal, Invert, Square
<b>Output Impedance</b>	: 50 Ohms
<b>Output Amplitude</b>	: 10Vpp Open circuit 5Vpp with 50 $\Omega$
<b>Sync Output</b>	: Square wave 4V (Nominal) Open circuit 2V (Nominal) with 50 Ohms
<b>Input modes</b>	: Norm, Trigger, FM and Gate
<b>Product Tutorial</b>	: Online (on <a href="http://www.ScientechLearning.com">www.ScientechLearning.com</a> )
<b>Power Supply</b>	: 230V AC +/- 10%, 50Hz
<b>Consumption</b>	: 19VA (approximately)
<b>Operating Temperature</b>	: 0-40°C, 85% RH
<b>Dimensions (mm)</b>	: W 198 × D 285 × H 90
<b>Weight</b>	: 2.5Kg (approximately)
<b>Included accessories</b>	: Mains cord, BNC to BNC cable -1 no.