

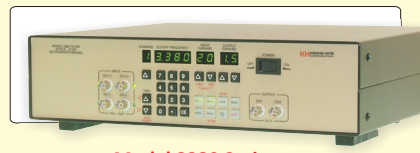
## Tunable Active Filters

Each Channel Totally Independent  
24dB and 48dB/ Octave Slopes  
1, 2 and 4 Channels Models

- **Tunable Range:** 0.1Hz to 200kHz
- **Attenuation Slope:** 24dB and 48dB/Octave
- **Filter Modes:** Selectable HP, LP, BP and BR
- **Response:** Selectable Butterworth and Bessel
- **Input:** Single-Ended and Differential
- **Pre-Filter Gain:** 0dB to 50dB in 10dB Steps
- **Post-Filter Gain:** 0dB to 20dB in 0.1dB Steps
- **Battery Option Available**



Model 3360 Series



Model 3380 Series

## Filter Systems

24dB, 48dB, 115dB/Octave Slopes  
5 to 32 Channels

- **Tunable Range:** 0.03Hz to 25.6MHz
- **Attenuation Slope:** 24dB, 48dB, 115dB/Octave
- **Filter Modes:** Selectable HP, LP, BP and BR
- **Response:** Selectable Butterworth, Bessel and Elliptical
- **Input:** Single-Ended and Differential
- **Pre-Filter Gain:** 0dB to 40dB
- **Post-Filter Gain:** 0dB to 20dB
- **GPIO Programmable**



## Wideband Power Amplifiers

17 Watts to 75 Watts  
140V rms to 282V rms



Model 7602M

- **Frequency Range:** DC to 1MHz
- **Output Power:** 17W, 34W, 75W
- **Output Voltage:** 140V rms to 282V rms
- **Frequency Response:** 0.1dB
- **Gain:** 1 to 100
- **DC Offset:**  $\pm 200\text{Vdc}$
- Model 7500 (75 Watts)
- Model 7600M (17 Watts)
- Model 7602M (34 Watts)

## Distortion Analyzer

5Hz to 1MHz  
Totally Automatic, AC Voltmeter Mode



Model 6900B

- **Frequency Range:** 5Hz to 1MHz
- **Measures Down to 0.005%**
- **Voltage Range:** 100mV to 130V rms (auto-leveling)
- **Measures AC Voltage:** 0.010V to 130V rms
- **Internal 1kHz Oscillator**
- **Totally Automatic**

## Precision Phasemeters

10Hz to 10MHz



Model 6620A

- **Frequency Ranges:** 10Hz to 10MHz
- **Phase Accuracy:**  $0.05^\circ$
- **Resolution:**  $0.01^\circ$
- **Input Volts:** 100mV to 320V rms
- **Input Waveforms:** Sine, Triangle, Square, Pulse
- **Display Range:**  $0^\circ$  to  $360^\circ$ ,  $\pm 180^\circ$ , Auto
- **GPIO Remote Control**

Replaces the Analogic Model 8200 form, fit and function!

## DC Source/Calibrators

DC Voltage:  $\pm 100\text{nV}$  to  $110.99999\text{V}$   
DC Current:  $\pm 100\text{nA}$  to  $110.99999\text{mA}$



Model 523

- **DC Voltage and Current**
- **Accuracy:**  $\pm 4\text{ppm}$
- **Stability:**  $\pm 1\text{ppm}$
- **Resolution:**  $7\frac{1}{2}$  Digits
- **Maximum Output Current:** 110mA
- **2 and 4-Wire Output**
- **Optional Output Voltage Limits:** 17V to 100V
- **Auto Zero Offset Calibration (AZOC)**
- **Automated "Covers On Calibration"**



Model 526

- **Voltage Range:**  $\pm 100\text{nV}$  to  $\pm 110\text{V}$ , 4 Ranges with Full Carry and Borrow for each Decade
- **Current Range:**  $\pm 10\text{nA}$  to  $\pm 110\text{mA}$ , 2 Ranges with Full Carry and Borrow for each Decade
- **Resolution:** 1ppm
- **Accuracy:** 1 year, 20ppm.
- **Stability (24 hrs):** 3ppm
- **Settling Time:** 2ms
- **Compliance Voltage:** 100V
- **Settable Voltage and Current Limits**
- **Pass thru Zero Operation**
- **"Crowbar" Zero Reference**
- **Local and GPIO/Optional LAN Remote Control**
- **Replaces the Analogic Model 8200**

## 100 Ohm Precision Resistor

- **Measured Accuracy:** to a value within  $\pm 0.5\text{ppm}$
- **Nominal Value:** 100 ohms
- **Calibration Uncertainty:**  $\pm 0.5\text{ppm}$
- **Stability (1 Year):** Typically  $\pm 2\text{ppm}$
- **Temperature Coefficient:**  $\pm 1.5\text{ppm}/^\circ\text{C}$
- **Max. Working Operating Current:** 110mA
- **4-Wire Operation**
- **Certified to N.I.S.T.**

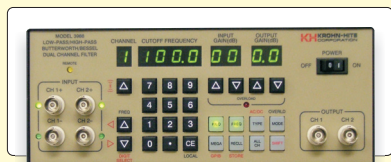


Model PCR100

## GPIO Programmable Models

24dB, 48dB and 115dB per Octave  
1, 2, 3 and 4 Channel Models

- **Tunable Range:** 0.03Hz to 25.6kHz
- **Attenuation Slope:** 24dB, 48dB and 115dB/Octave
- **Filter Modes:** Selectable HP, LP, BP, BR
- **Response:** Selectable Butterworth and Bessel



Model 3988



Model 3940

- **Input:** Single-Ended and Differential
- **Pre-Filter Gain:** 0dB to 40dB
- **Post-Filter Gain:** 0dB to 20dB

## Signal Conditioning Systems

Up to 210 Signal Conditioning Channels



Model 3930

- **Mix up to 210 Hydrophone Signal Channels**
- **Remote LAN/RS232/Manual System Control**
- **Response:** 8-Pole Elliptic, 130dB.
- **Customer Defined Fixed Frequency:** 1kHz to 100kHz.
- **Function:** Low-Pass, High-Pass, Band-Pass
- **Input (pre-filter) Gain:** 0dB to 40dB.
- **Output (post-filter) Gain:** -20dB to 0dB.
- **Optional 16 Channel Cross-Point Switch**

## Low Noise Preamplifiers

DC to 10MHz



Model 7008

- **Gain Settings:** x1, x10, x100 and x1000
- **Noise (RTI):**  $7\text{nV}/\sqrt{\text{Hz}}$
- **Amplitude Flatness:**  $\pm 0.3\text{dB}$
- **Output:**  $\pm 10\text{V}$  Peak
- **Selectable Input Configurations:** Differential, +SE, -SE and OFF
- **Selectable Input Shunts:** 50, 500, 5k and 50k Ohms
- **CMRR:**  $> 100\text{dB}$  at 1kHz
- **Optional Remote Programming:** USB or LAN

Model 7000

