



## INSTRUMENTS

# Application Note AN009

## FEATURE COMPARISON

### 409B vs 409C

| Feature  | 409B             | 409C  |
|--|------------------|---|
| # Output Channels  | 4                | 4   |
| Frequency Range  | DC to 171Mhz     | DC to 171 MHz   |
| Frequency Sweeping   | Yes              | Yes   |
| Resolution and Accuracy  | Same             | Same  |
| Spectral Purity  | Same             | Same  |
| Option for Locking to 10MHz Reference ( /R )                       | Yes              | Yes   |
| External Clock In  | Yes              | Yes   |
| Option for External Timing Control (-AC)                           | Yes              | Yes   |
| Power Supply   | Same             | Same  |
| Windows Control Software Included                                  | Yes              | Yes   |
| Benchtop Case Dimensions   | Same             | Same  |
|  |                  |   |
| Frequency Command must be scaled by the user to use External Clock | Yes              | No<br>The 409C does the scaling automatically                 |
| Number of Channels in Table Mode                                   | 2                | 4   |
| Enter Table Settings in Decimal                                    | No, use HEX      | Yes   |
| Minimum Table Dwell Time   | 100 Microseconds | 13 Microseconds (one channel) to 31 Microseconds (4 channels) |
| External Logic Can Trigger Sweeps                                  | No               | Yes   |
| Default Baud Rate  | 19.2 KBaud       | 115.2 KBaud   |