



SCOUT and vbSeries Instruments – Key Feature Comparison with Available Flex Packs

The table outlines the key features included on SCOUT and vbSeries instruments. Full technical specification sheets are available on the Commtest website – www.commtest.com. Additional features are also available for via the Flex licensing system, enabling you to set up your instrument to precisely suit your requirements. Contact your local distributor to learn more.

| Key Feature/Function | vbBalancer | vbBalancer+ | vb5 | vb6 | vb7 | vb8 | SCOUT100-Ex | SCOUT140-Ex |
|--|------------|-------------|------------|------------|------------|---------|-------------|-------------|
| Ascent with System 1 Basic integration | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Support for System 1 Evolution | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Channels | 2 | 4 | 1 | 4 | 2 | 4 | 2 | 4 |
| Tachometer Display | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Orders-based Fmax | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Fmax up to 40kHz | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Fmax up to 80kHz | | | FLEXARP1&2 | FLEXARP1&2 | FLEXARP1&2 | ✓ | FLEXARP1&2 | ✓ |
| Wi-Fi support – Serial numbers 45000 and above | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Remote Comms | | | FLEXRCP | FLEXRCP | FLEXRCP | FLEXRCP | FLEXRCP | FLEXRCP |
| 6Pack | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Averages – All | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Averaging Exponential Peak | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Demodulation | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Lines up to 6400 | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Lines up to 12800 | | | FLEXARP2 | ✓ | FLEXARP2 | ✓ | FLEXARP2 | ✓ |
| Overlap – All | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rectangular Window | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Keypad Entry | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Route | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Average Value | | | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Order Tacking | | | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Current Units | | | | ✓ | ✓ | ✓ | ✓ | ✓ |
| DC Coupled Sensor | | | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Keyphasor Tachometer | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Velocity or Displacement Sensor | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bump Test | | ✓ | | | ✓ | ✓ | ✓ | ✓ |
| Orbit Plot | | ✓ | | | ✓ | ✓ | ✓ | ✓ |
| Coast Down Run Up | | ✓ | | | ✓ | ✓ | ✓ | ✓ |
| Balancing | ✓ | ✓ | FLEXBP | FLEXBP | ✓ | ✓ | ✓ | ✓ |
| Cross Channel Phase | | | | | ✓ | ✓ | ✓ | ✓ |
| Long Time Wave Form | | | | | ✓ | ✓ | ✓ | ✓ |
| Strobe Output | | | | | ✓ | ✓ | ✓ | ✓ |
| Time Synchronous Averaging | | | | | ✓ | ✓ | ✓ | ✓ |
| 4-20 mA Sensor Input Support | | | FLEXARP2 | ✓ | FLEXARP2 | ✓ | FLEXARP2 | ✓ |
| Extended Units - Voltage | | | FLEXARP1&2 | ✓ | ✓ | ✓ | ✓ | ✓ |
| Modal Impact Testing | | | | FLEXFRF | FLEXFRF | ✓ | FLEXFRF | ✓ |
| UFF Export | | | | FLEXFRF | FLEXFRF | ✓ | FLEXFRF | ✓ |
| Cross Channel ODS | | | | FLEXFRF | FLEXFRF | ✓ | FLEXFRF | ✓ |
| Store Tachometer Pulses | | | FLEXBNP | FLEXBNP | ✓ | ✓ | ✓ | ✓ |
| ATEX Zone 2 Hazardous Rating | | | | | | | ✓ | ✓ |
| CSA Class 1 Division 2 Hazardous Rating | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |