



SCOUT and vbSeries Instruments – Key Feature Comparison

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 vbSeries instruments via the Flex licensing system, enabling you to set up your instrument to precisely suit your requirements. Contact sales@commtest.com to learn more.

Key Feature/Function	vbBalancer	vbBalancer+	vb5	vb6	vb7	vb8	SCOUT100-Ex	SCOUT140-Ex
Ascent	✓	✓	✓	✓	✓	✓	✓	✓
Support for System 1 Evolution			✓	✓	✓	✓	✓	✓
Channels	2	4	1	4	2	4	2	4
Tachometer Display	✓	✓	✓	✓	✓	✓	✓	✓
Orders-based Fmax	✓	✓	✓	✓	✓	✓	✓	✓
6Pack™			✓	✓	✓	✓	✓	✓
Averages – All			✓	✓	✓	✓	✓	✓
Demodulation			✓	✓	✓	✓	✓	✓
Averaging Exponential Peak			✓	✓	✓	✓	✓	✓
Fmax up to ...			40kHz	40kHz	40kHz	80kHz	40kHz	80kHz
Lines up to ...			6400	12800	6400	12800	6400	12800
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	✓	✓			✓	✓	✓	✓
Cross Channel Phase					✓	✓	✓	✓
Long Time Wave Form					✓	✓	✓	✓
Strobe Output					✓	✓	✓	✓
Time Synchronous Averaging					✓	✓	✓	✓
4-20 mA Sensor Input Support				✓		✓		✓
Extended Unit Sets				✓		✓		✓
Modal Impact Testing						✓		✓
UFF Export						✓		✓
Cross Channel ODS						✓		✓
ATEX Zone 2 Hazardous Rating							✓	✓
CSA Class 1 Division 2 Hazardous Rating	✓	✓	✓	✓	✓	✓		