



## 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](http://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	✓	✓	✓	✓	✓	✓		