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VIBXPERT® II Balancer

Field balancing – simple – fast – accurate



- Easy operation
- 1 or 2 plane field balancing
- Integrated machine diagnosis
- Upgradeable

Field balancing the intelligent way

VIBXPERT® II Balancer

VIBXPERT® II Balancer is a high performance, full-featured portable measurement device for field balancing of rotating machinery in one plane or two planes. In addition to the balancing procedure, the device provides vibration analyses, resonance tests and phase measurements to support the diagnosis of an imbalance and to determine the optimum operating conditions for your machine.

VIBXPERT® II Balancer can be upgraded by password to the award-winning VIBXPERT® II FFT data collector & signal analyzer.

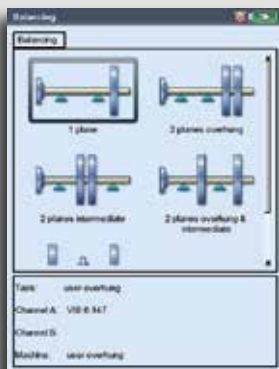
Analysis functions

- ▶ Overall values and process parameters
- ▶ Time waveform
- ▶ Amplitude spectrum
- ▶ Envelope acceleration spectrum
- ▶ Phase including recording
- ▶ Bump test, 1-channel
- ▶ Coast-down/run-up test
- ▶ ISO standards for evaluation



A 'smiley' appears when the required balancing grade is reached.

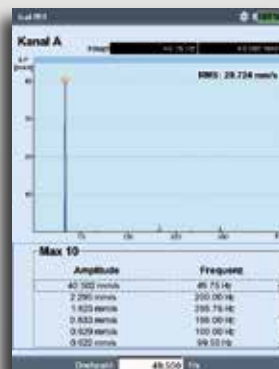
Balancing reports can be stored on a USB flash drive and printed out.



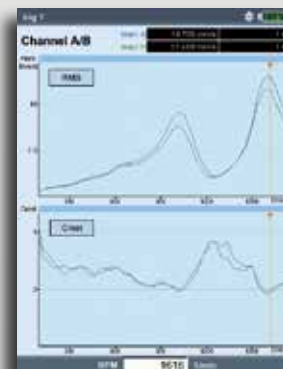
A fitting program for every balancing task.



Every step of the balancing procedure is explained.



Vibration analyses help you identify and eliminate machine faults.



One- or two-channel coast-down test with RMS, amplitude or waterfall.

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A member of the PRÜFTECHNIK group

BALANCING WEIGHTS & ACCESSORIES



Carrying Case CC-110

COMPLETE KITS & STARTER KITS

Starter Kits include

Squirrel Cage Clips (300 pieces), Steel C-Clamps (28 pieces)
Airfoil Clips (60 pieces), Glass Bead Reflective Tape, Carrying Case

Part No. SK-110: \$640.00

Part No. SK-500: \$690.00

Complete Kits include

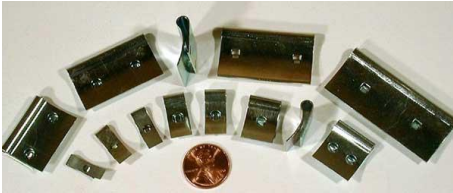
Same as Starter Kit plus Backward Incline Clips (205 pieces)

Part No. PRO-110: \$820.00

Part No. PRO-500: \$870.00



Carrying Case CC-500



SQUIRREL CAGE CLIPS

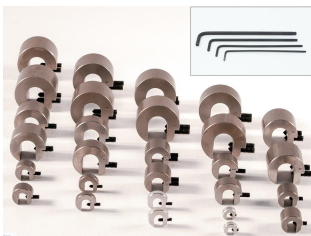
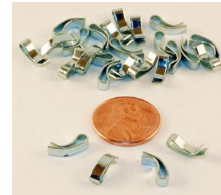
The standard Squirrel Cage Clips have a slight curve and are designed for balancing fans with a curved blade.

Squirrel Cage Clips sold in packs of 25 or 100, or as a complete set (Part No. FSBC-100).

EXTRA TIGHT CURVE CLIPS

These clips have been designed with a tighter radius to fit securely on a smaller squirrel cage fan. These are available in three different weights and two finishes for more flexibility and design for your finished product.

Extra Tight Curve Clips sold in packs of 25 or 100.



C-CLAMP WEIGHTS

The C-Clamps can be used as trial weights or permanent correction weights on vane axial flow fans and squirrel cage fans. The clamps have a serrated surface opposite the set screws to further secure the balancing weight. They are available in aluminum, steel, stainless steel and double-sided.

C-Clamp weights sold individually, or as a complete set (Part No. SC-KIT).



BACKWARD INCLINE CLIPS

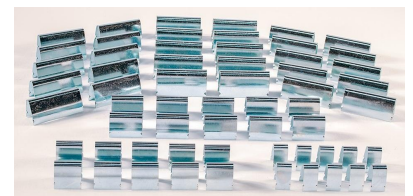
The Backward Incline Clips are flat in shape and are designed for balancing flat bladed fans such as most backward incline fans. Available in extra wide and stainless steel as well.

Backward Incline Clips sold in packs of 25 or 100, or as a complete set (Part No. FSRIC-100).

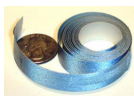
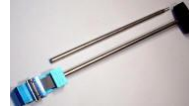

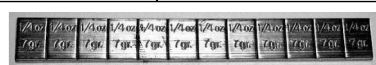

AIRFOIL CLIPS

Air foil clips are used on blowers manufactured by companies such as Trane, Carrier, Twin City, New York and Chicago Blower. They have a 3/4" opening or throat size. The average depth of the clips is 1.1 inch. These clips are available in a Standard throat size of 3/4" or as Extra Wide with a throat size of 1.2" or as Narrow with a throat size of 0.54". We also offer Teflon coated clips for added chemical resistance.

Airfoil clips sold in packs of 10, or as a complete set (Part No. AFC-KIT).



To request and order form, please call or email (info in header above) or use this link: <http://www.ctrline.net/request-information.html>

Squirrel Cage Clips									
Wt. (grams)	Part No.	\$ (25 Pack)	Part No.	\$ (100 Pack)	Wt. (grams)	Part No.	\$ (25 Pack)	Part No.	\$ (100 Pack)
0.2	1BC-0.2	14.00	2BC-0.2	37.00	2.4	1BC-2.4	17.00	2BC-2.4	41.00
0.4	1BC-0.4	14.00	2BC-0.4	37.00	3.3	1BC-3.3	17.00	2BC-3.3	41.00
0.6	1BC-0.6	16.00	2BC-0.6	39.00	4.9	1BC-4.9	20.00	2BC-4.9	45.00
0.8	1BC-0.8	16.00	2BC-0.8	39.00	6.5	1BC-6.5	22.00	2BC-6.5	51.00
1.0	1BC-1.0	16.00	2BC-1.0	39.00	9.8	1BC-9.8	25.00	2BC-9.8	66.00
1.6	1BC-1.6	16.00	2BC-1.6	39.00	13.0	1BC-13.0	27.00	2BC-13.0	69.00
Part No. FSBC-100: Complete Set of Squirrel Cage Clips: 1,200 pieces (100 ea. 0.2 to 13.0 grams) \$435.00									
Standard Extra Tight Curve Clips					Black Extra Tight Curve Clips				
Wt. (grams)	Part No.	\$ (25 Pack)	Part No.	\$ (100 Pack)	Wt. (grams)	Part No.	\$ (25 Pack)	Part No.	\$ (100 Pack)
0.17	1BCC-0.17	14.00	2BCC-0.17	39.00	0.17	1BCCB-0.17	14.00	2BCCB-0.17	39.00
0.28	1BCC-0.28	14.00	2BCC-0.28	39.00	0.28	1BCCB-0.28	14.00	2BCCB-0.28	39.00
0.34	1BCC-0.34	14.00	2BCC-0.34	39.00	0.34	1BCCB-0.34	14.00	2BCCB-0.34	39.00
Backward Incline Clips									
Wt. (grams)	Part No.	\$ (25 Pack)	Part No.	\$ (100 Pack)	Wt. (grams)	Part No.	\$ (25 Pack)	Part No.	\$ (100 Pack)
0.05	1RIC-0.05	16.00	2RIC-0.05	39.00	3.6	1RIC-3.6	17.00	2RIC-3.6	45.00
0.1	1RIC-0.1	14.00	2RIC-0.1	37.00	5.0	1RIC-5.0	20.00	2RIC-5.0	48.00
0.25	1RIC-0.25	14.00	2RIC-0.25	37.00	7.0	1RIC-7.0	22.00	2RIC-7.0	50.00
0.5	1RIC-0.5	16.00	2RIC-0.5	39.00	14.0	1RIC-14.0	27.00	2RIC-14.0	69.00
0.8	1RIC-0.8	16.00	2RIC-0.8	39.00	28.0	1RIC-28.0	46.00	2RIC-28.0	112.00
1.0	1RIC-1.0	16.00	2RIC-1.0	39.00	42.0	1RIC-42.0	65.00	2RIC-42.0	161.00
1.8	1RIC-1.8	16.00	2RIC-1.8	39.00	56.0	1RIC-56.0	83.00	2RIC-56.0	198.00
Part No. FSRIC-100: Complete Set of Backward Incline Clips: 1,100 pieces (100 ea. 0.5 to 56.0 grams) \$745.00									
Standard Airfoil Clips		Teflon Coated Airfoil Clips		Extra Wide Airfoil Clips		Extra Wide Teflon Coated		Carrying Cases	
Wt. (ounces)	Part No.	\$ (10 Pack)	Part No.	\$ (10 Pack)	Part No.	\$ (10 Pack)	Part No.	\$ (10 Pack)	
0.125	AFC-0.125	18.00	TAFC-0.125	24.00					Part No.
0.25	AFC-0.25	18.00	TAFC-0.25	24.00	XWAFC-0.25	23.00	TXWAFC-0.25	33.00	CC-110
0.5	AFC-0.5	20.00	TAFC-0.5	26.00	XWAFC-0.5	25.00	TXWAFC-0.5	34.00	\$ 55.00 ea.
1.0	AFC-1.0	30.00	TAFC-1.0	37.00	XWAFC-1.0	33.00	TXWAFC-1.0	41.00	Part No.
1.5	AFC-1.5	37.00	TAFC-1.5	45.00					CC-500
2.0	AFC-2.0	40.00	TAFC-2.0	51.00					\$ 130.00 ea.
Part No. AFC-KIT: Complete Set of Standard Airfoil Clips: 60 pieces. (10 each of 0.125 to 2.0 ounces) \$145.00									
Narrow Airfoil Clips			Reflective Tape		Balancing Clip Installation and Removal Tools				
Wt. (ounces)	Part No.	\$ (10 Pack)	Part No.	\$ (Each)	Part No.	\$ (Each)	Part No.	\$ (Each)	
0.125	NAFC-0.125	21.00	GBRT	22.00	BCIT	65.00	BCIT-SHORT	55.00	
0.25	NAFC-0.25	23.00		Glass bead reflective tape, ½" wide by 5' long		The tool head has a larger magnet that holds the weight in place. An extended handle enables access into tight areas.		For the BC-0.2 clips to the BC-2.4 and the RIC-0.1 up to the RIC-3.6.	
0.5	NAFC-0.5	25.00							
1.0	NAFC-1.0	31.00							
1.5	NAFC-1.5	40.00							
2.0	NAFC-2.0	43.00							
Steel C-Clamps			Stainless Steel C-Clamps		Double Sided Steel C-Clamps		Adhesive Backed Weights		
Wt. (ounces)	Part No.	\$ (Each)	Part No.	\$ (Each)	Part No.	\$ (Each)	Part No.	\$ (Each)	Description
0.04	AC-0.04	9.00					AW-60	11.00	4x10g, 4x5g blocks (60g total)
0.1	AC-0.1	9.00					AW-84	11.00	12x7g blocks (84g total)
0.125			STSC-0.125	18.00			AW-84T	11.00	12x7g THIN blocks (84g total)
0.25	SC-0.25	10.00	STSC-0.25	18.00			AW-112	11.00	8x14g blocks (112g total)
0.5	SC-0.5	10.00	STSC-0.5	18.00					
0.75	SC-0.75	10.00	STSC-0.75	18.00					
1.0	SC-1.0	10.00	STSC-1.0	18.00					
1.5	SC-1.5	10.00	STSC-1.5	18.00					
2.0	SC-2.0	11.00	STSC-2.0	20.00	DSSSC-2.0	14.00	Part No.	\$ (Each)	Description
3.0	SC-3.0	11.00	STSC-3.0	20.00	DSSSC-3.0	14.00	PP-501	135.00	 Weighs up to 500 g in 0.1 g increments. Scale measures 4.5" X 3" X 1". Two modes (grams and ounces), tare and memory functions. Backlit display with auto shutoff. 2 X AAA batteries included.
4.0	SC-4.0	11.00	STSC-4.0	20.00	DSSSC-4.0	14.00			
5.0	SC-5.0	11.00	STSC-5.0	22.00	DSSSC-5.0	15.00			
6.0	SC-6.0	11.00	STSC-6.0	22.00	DSSSC-6.0	15.00			
7.0	SC-7.0	11.00			DSSSC-7.0	15.00			
8.0	SC-8.0	11.00	STSC-8.0	22.00	DSSSC-8.0	15.00			
Part No. SC-KIT: Complete Set of Steel C-Clamps: 28 pieces (2 each of 0.04 to 8.0 ounces) \$250.00									

Prices are subject to change without notice.

Minimum billing: \$100.00

EFFECTIVE MAY 2019