

PRODUCTS



LOAD CELLS



WEIGH MODULES AND
MECHANICAL APPLICATION PARTS



WEIGHING ELECTRONICS



FORCE MEASUREMENT

ANYWHERE AT HOME



Flintec Inc.
Hudson, Massachusetts,
USA

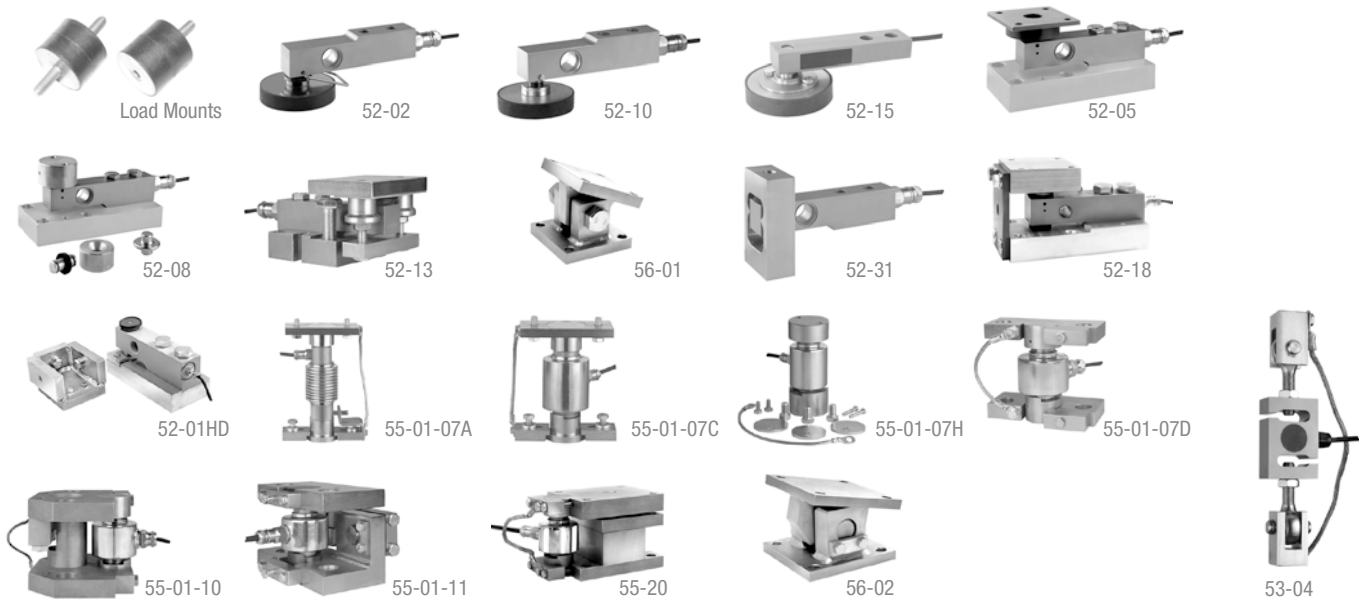
Flintec LTDA.
São Paulo,
Brazil

Flintec AB
Västerås,
Sweden

Flintec GmbH
Meckesheim,
Germany

Flintec UK Ltd.
Cardiff,
Great Britain

Flintec Sarl
Lyon,
France



MECHANICAL APPLICATION PARTS

Type			PB PBW ZLB	SLB	SB14	SB4 SB5	SB6	SB8	BK2	SB2	ULB UB1 UB6	RC1	RC3	RC3D
Load Mounts	for Planar Beam Load Cells	3.75...375 kg	●											
Load Mounts	for SB8 Load Cell	10...250 kg						●						
52-00 *	Base Plate	20 kg...10 t		●	●	●	●							
52-02 *	Rubber Foot	100 kg...10 t		●	●	●								
52-10 *	Height Adjustable Foot	20 kg...2.5 t		●	●	●	●							
52-15	Height Adj. Foot	10...250 kg / 200 kg...2 t (stainless steel)						●	●					
Fixation Plates	for Feet 52-02/10/15			●	●	●	●	●	●					
52-05 *	Rubber Element with Flange	20 kg...5 t		●	●	●	●							
52-08	Rocker Pin	100 kg...10 t (stainless steel)		●	●	●								
52-13 *	Sliding System	20 kg...10 t		●	●	●	●							
56-01	Dummy Support	500 kg...10 t		●	●	●								
52-31	Tension Adapter	20 kg...5 t		●	●	●	●							
52-18 *	Weigh Module	100 kg...10 t		●	●	●								
52-01HD	Weigh Module	20 t...45 t								●				
53-04	Tension Assembly	100 kg...5 t									●			
55-01-07A	Rocker System RC1	25 t...90 t										●		
55-01-07C	Rocker System RC3	30 t...50 t											●	●
55-01-07H	Rocker System RC3	30 t...40 t											●	●
55-01-07D	Rocker System RC3	7.5 t...22.5 t											●	●
55-01-10	Weigh Module bumper	7.5 t...22.5 t (stainless steel)											●	●
55-01-11	Weigh Module check link	7.5 t...22.5 t (stainless steel)											●	●
55-20	Weigh Module	7.5 t...300 t											●	●
56-02	Dummy Support	7.5 t...40 t											●	●

* Optionally available in stainless steel.

SUMMARY FORCE TRANSDUCERS

Type		CT1	CT2	CT3	CT4	TULIP	LP1
		Force Transducers				Special Sensors	
Material		1.5 kN...10 kN aluminium / others tool steel				Stainless steel	
Hermetic sealing		No				Yes	
Protection		IP67				IP68	
Maximum Capacity *							
t	kN						
0.153	1.5	●	●	●	●	Capacity ranging from hundreds of kg to thousands of t; depending on the structure being pressed in.	
0.255	2.5	●	●	●	●		
0.510	5	●	●	●	●		
1							●
1.02	10	●		●	●		
1.27	12.5		●				
2							●
2.5							●
2.55	25	●	●	●	●		
5							●
5.1	50	●	●	●	●		
10							●
10.2	100	●		●	●		
12.7	125		●				
22.9	225		●				
25.5	250	●		●	●		
45.9	450	●		●	●		

* The transducers are calibrated in t or kN depending on transducer type (bold print)





KA-1



KA



KP



KAEX / KEEX / KPEX



KEK



KAK



KPK



KPFD



KPB-4



FAA-24



FAA-25



LAC 65.1



LAC 74.1



DAS 72.1



FT-11 / FT-11D



FAD-4



FDT-A/B



LDU



MCS-64



FT-12



FT-13

WEIGHING ELECTRONICS

JUNCTION BOXES

Type	Inputs	Housing		Cable connection	Surge protectors	Other
		Material / Protection	Size (mm)			
KA-1	1	Aluminium / IP66	64 x 98 x 34	screw terminals		
KA-4	4	Aluminium / IP66	80 x 250 x 52	soldering		
KA-6	6	Aluminium / IP66	80 x 250 x 52	soldering		
KAK-4	4	Aluminium / IP66	80 x 250 x 52	spring clamps		
KEK-4	4	Stainless steel / IP65	105 x 210 x 40	spring clamps		
KP-4	4	Polyester / IP66	75 x 230 x 50	soldering		
KPK-4	4	Polyester / IP66	75 x 230 x 50	spring clamps		
KPF-4	4	Polyester / IP66	100 x 320 x 81	spring clamps	Yes	
KPF-6	6	Polyester / IP66	100 x 320 x 81	spring clamps	Yes	
KPF-8	8	Polyester / IP66	100 x 320 x 81	spring clamps	Yes	
KPF-10	10	Polyester / IP66	100 x 360 x 90	spring clamps	Yes	
KAEX-4	4	Aluminium / IP66	80 x 250 x 52	screw terminals		ATEX
KEEX-4	4	Stainless steel / IP66	100 x 200 x 63	screw terminals		ATEX
KPEX-6	6	Polyester / IP66	160 x 260 x 90	screw terminals		ATEX
KPEX-8	8	Polyester / IP66	160 x 360 x 90	screw terminals		ATEX
KPFD-8	8	Polyester / IP66	100 x 320 x 81	screw terminals	Yes	for RC3D only
KPB-4	4	Plastic / IP54	100 x 100 x 40	plug / soldering		for PB / PBW only



FlintWeigh

FT-16 / FT-16D



FRD-57



FRD-45 LCD / FRD-100 LCD

DIGITAL MEASURING SYSTEMS

Type	Resolution (d)	Conv. rate (Hz)	Acc. Class III (OIML R76)	Sensitivity		Display	Housing	Remarks
				μ V/e	μ V/d			
FAD-4	550 000	...80	10 000	0.4	0.1	External	Stainless steel	2 Setpoints, digital corner correction
FDT-A/B	n.a.	n.a.	Yes	n.a.	n.a.	LED, 14 mm	Panel type	Display for FAD-4
LDU 68.1	\pm 130 000	...90	5 000	0.7	0.1	External	OEM plug in module	Digital filter, 2 digital inputs and outputs. Option: Adapter board
LDU 68.2	\pm 130 000	...90	n.a.	n.a.	0.1	External	OEM plug in module	Digital filter. Option: Adapter board
LDU 69.1	\pm 1 050 000	...172	10 000	0.1	0.02	External	OEM plug in module	Digital filter. Option: Adapter board
LDU 78.1	\pm 260 000	...600	5 000	0.7	0.05	External	OEM plug in module	Digital filter, 2 digital inputs and outputs, check weigher function. Option: Adapter board
MCS-64	\pm 260 000	...600	n.a.	n.a.	0.05	External	OEM plug in modules plus boards	Up to 64 channels. Each channel with digital filter, 4 digital inputs and outputs. Gateways: CANbus, Profibus or Ethernet.

WEIGHING INDICATORS

Type	Resolution (d)	Conv. rate (Hz)	Acc. Class III (OIML R76)	Sensitivity		Display	Housing	Remarks
				μ V/e	μ V/d			
DAS 72.1	\pm 260 000	...600	n.a.	n.a.	0.05	LED, 10 mm	rail mounting	3 Logic inputs and outputs, analogue output 0...20 mA, RS 422/485
FT-11	60 000	...100	10 000	0.4	0.1	LED, 20 mm (14 mm)	Stainless steel, desk type or panel mount	Basic weight indicator with various I/O options and alibi memory
FT-11D	60 000	n.a.	10 000	n.a.	n.a.	LED, 20 mm (14 mm)	Stainless steel, desk type or panel mount	Basic weight indicator for RC3D load cells with various I/O options and alibi memory
FT-12	60 000	...100	10 000	0.4	0.1	LED, 20 mm (14 mm)	Stainless steel, desk type or panel mount	Enhanced weight indicator with various I/O options, alibi memory and RT clock
FT-13	60 000	...200	10 000	0.4	0.1	LED, 20 mm (14 mm)	Stainless steel or panel mount	Weighing controller with 7 standard filling programs and programmable I/O control
FT-16	60 000	...100	10 000	0.4	0.1	PC compatible monitor	desk type	Weighing terminal for weigh bridge applications
FT-16D	60 000	n.a.	10 000	n.a.	n.a.	PC compatible monitor	desk type	Digital weighing terminal for weigh bridge applications using RC3D load cells
FlintWeigh	99 000	n.a.	4 000	n.a.	n.a.	PC-System	Interface: aluminium housing	Approved PC-based weighing system with RC3D load cells; without conventional indicator

ANALOGUE AMPLIFIERS

Type	Output		Zero adjustment		Span adjustment		Housing	Remarks
	Current (mA)	Voltage (V)	Course	Fine	Course	Fine		
FAA-24	0/4...20	0...+10	jumper	potentiometer	jumper	potentiometer	Stainless steel	Inputs for 4 load cells, screw terminals
FAA-25	4...20	0...+10	push button / LED		push button / LED		DIN-rail mounting	Option: 2 setpoints, external zeroing, error output
LAC 65.1	0/4...20	\pm 10	DIP switches	potentiometer	DIP switches	potentiometer	DIN-rail mounting	Load cell cable check circuit
LAC 74.1	0/4...20	0...+10	DIP switches	potentiometer	DIP switches	potentiometer	DIN-rail mounting	Safety circuit with logic output including LED

REMOTE DISPLAYS

Type	Display	Interface	Baudrate	Housing / Protection	Remarks
FRD-57	LED red, 57 mm	RS232 / RS485 / 20 mA current loop	1 200...19 200	Stainless steel / IP65	Plus / minus sign and 5 digits, decimal point between any digit
FRD-45 LCD	LCD, 45 mm	RS232 / RS485 / 20 mA current loop	1 200...19 200	Stainless steel / IP40 (IP65 option)	Plus / minus sign and 5 digits, decimal point between any digit
FRD-100 LCD	LCD, 100 mm	RS232 / RS485 / 20 mA current loop	300...38 400	Stainless steel / IP65	Plus / minus sign and 5 digits, decimal point between any digit



Rune Flinth
Founder of FLINTEC

FLINTEC's success story can be traced back to Sweden in the 1960s. It all started with the development of high precision load cells. These were designed for specific applications in the weighing scale sector, heavy industry in particular. Since then, FLINTEC has always prided itself in finding new and innovative solutions, even for the most difficult of technical tasks.

Years of rapid expansion then followed, with a broadening of the product line, expansion of R&D work and creation of a global network of sales and distribution companies.



Flintec Italy
Verderio Superiore,
Italy

Flintec Transducers (Pvt.) Ltd.
Katunayake,
Sri Lanka

*Beijing Flintec Electronics
and Technology Ltd. Co.*
Beijing, China

Flintec Sales (Pvt.) Ltd.
New Dehli,
India

Sales Addresses

AMERICAS

USA

Flintec Inc.
18A Kane Industrial Drive
Hudson, MA01749
Phone: +1 978 562 7800
Fax: +1 978 562 0008
usa@flintec.net

Canada see USA

Latin America see USA

Brazil

Flintec LTDA.
Rua Dr. João Marques Mauricio, 75 Predico D/E
Pq. Indl. Ramos dos Freitas
06816-040 – Embu – SP – Brasil
Phone: +55 11 4787-4559
Fax: +55 11 4787-8240
brazil@flintec

ASIA

China

Beijing Flintec Electronics and Technology Ltd. Co.
Room B601, Peking Times Square
Hui Zhong Li
Chao Yang District
Beijing 100101
Phone: +86 10 84 990 020
Fax: +86 10 84 990 326
Mobile: +86 13801160657
simon@flintec.com.cn

India

Flintec Sales (Pvt.) Ltd.
G10/10
1st Floor
Malviya Nagar
New Dehli - 110017
Phone: +91 11 326 00979
Fax: +91 11 326 00979
vinod.m@flintec-in.com

Indonesia see Sri Lanka

Iran

Pand Industries
5 Sahand St.
Shahid Beheshti Ave.
Tehran 15597
Phone: +98 21 8876 23 87
Fax: +98 21 8873 80 85
www.pandco.com

Japan see Sri Lanka

Malaysia

dp THERMO ELECTRICS SDN. BHD.
No. 49-G
Jalan Kenari 17/F
Bandar Puchong Jaya
47100 Puchong
Selangor D.E.
Phone: +603 8070 8788
Fax: +603 8070 8766
info@dppte.com.my
christiau@dppte.com.my

Middle East see Germany

North Korea see Sri Lanka

Pakistan see Sri Lanka

Philippines see Sri Lanka

Singapore see Sri Lanka

South Korea see Sri Lanka

Sri Lanka

Flintec Transducers (Pvt.) Ltd.
P.O. Box 24
K.E.P.Z. Phase I
Spure Road 2
Katunayake
Phone: +94 11 4837700
Fax: +94 11 2252142
Mobile: +94 773 10 46 70
srilanka@flintec.net

Taiwan see Sri Lanka

Thailand see Sri Lanka

Vietnam see Sri Lanka

AUSTRALIA

Ultrahawke Pty. Ltd.
33-35 Judge Street
3020 Sunshine, Victoria
Phone: +61 39 311 5555
Fax: +61 39 311 5453
precision@ultrahawke.com.au

AFRICA

Egypt

ICTCO
International General Trading Contraction Co.
18, Sahl Hamza St.
El-Haram-Giza
Phone: +2 3 857 581
Fax: +2 3 857 582
ictcoegypt@netscape.net

South Africa see Germany

EUROPE

Austria see Switzerland

Belgium see Netherlands

Bosnia and Herzegovina see Serbia

Bulgaria

ET Peter Raspopov
ul. Gen. Gurko 70
BG-1142 Sofia
Phone: +359 2 989 8863
Fax: +359 2 989 8863
raspopovflintec@abv.bg

Croatia see Switzerland

Czech Republic

Jaroslav Benes
Husitska 14
612 00 Brno
Phone: +420 5 4121 1391
Fax: +420 5 4124 4373
flintec@esamesstechnic.cz

Denmark see Sweden

Finland see Sweden

France

Flintec Sarl
49, Rue du Professeur Deperet
69160 Tassin
Phone: +33 6 8792 2035
Fax: +33 4 7253 6372
Mobile: +33 6 6600 7458
france@flintec.net

Germany

Flintec GmbH
Bemannsbruch 9
74909 Meckesheim
Phone: +49 6226 9240-0
Fax: +49 6226 9240-99
germany@flintec.net

Flintec Office Hamburg
Am Botterberg 18a
22589 Hamburg
Phone: +49 40 8708 2861
Fax: +49 40 8708 2862
oliver.john@flintec.net

Flintec Office Cologne
Hellenthaler Weg 3
50374 Erfstadt
Phone: +49 2235 988 229
Fax: +49 2235 988 230
wolfgang.empting@flintec.net

Flintec Office Oschatz
Flurstraße 6a
04758 Oschatz-Thalheim
Phone: +49 3435 929 747
Fax: +49 3435 929 757
helmut.doschek@flintec.net

Greece see Germany

Great Britain

Flintec UK Ltd.
Unit G6, Capital Point
Capital Business Park
Wentloog Avenue
Cardiff, CF3 2PY
Phone: +44 2920 797959
Fax: +44 2920 797939
uk@flintec.net

Hungary

Tibor Dunajcsik
Lenföno u. 8 V/21
1108 Budapest
Phone: +36 1 2651056
Fax: +36 1 2651056
Mobile: +36 30 4630103
dunajcsik.tibor@hdsnet.hu

Iceland see Great Britain

Ireland see Great Britain

Italia

Flintec Italy
Via Manzoni, 13
23878 Verderio Superiore (LC)
Stefano Ferli
Phone: +39 039 9515046
Fax: +39 1782733926
Mobile: +39 339 3257982
italy@flintec.net

Lezzeni s.n.c.

Via Battisti, 7
21100 Varese
Phone: +39 0332 241 458
Fax: +39 0332 241 458
Mobile: +39 348 7821 969
legiva@liebro.it

Luxembourg see Germany

Macedonia see Serbia

Monte Negro (Crna Gora) see Serbia

Netherlands

Flintec Office Breda
Julianalaan 39
4884 BE Wernhout
John van der Veecken
Phone: +31 76599 1852
Fax: +31 76599 1853
Mobile: +31 622 207251
john.vdveeken@flintec.net

Norway see Sweden

Poland

Tenso Teodor Rudzki
Kozielecka 198
44-121 Gliwice
Phone: +48 32 270 7181
Fax: +48 32 270 7434
flintecpolska@neostrada.pl

Portugal see France

Romania

Flintab S.R.L.
27 Toma Ionescu street
100170 Ploiesti
Phone: +40 244 512 800
Fax: +40 244 515 451
office@flintab.ro

Russia

Flintec RU
ul. Malaja Bronnaja 20 kw. 17
103104 Moskow
Vladimir Kuznetsov
Phone: +7 495 2027931
Fax: +7 495 2027931
flintec@mail.ru

Wesovaya Technika
454092 Russia, Cheliabinsk
Elkina Street, 81, of. 310
Vitaly Klistorner
Phone: +7 351 237 88 87
Fax: +7 351 237 88 87
vt@inccompany.ru

Serbia

Dragan Mirkovic
Branka Copina 3
35250 Paracin
Phone: +381 35 567 737
Fax: +381 35 567 737
Mobile: +381 63 600 307
nidproel@eunet.yu

Slovakia see Czech Republic

Slovenia see Switzerland

Spain

Sertec Pesage S.L.
C./Motors, Nave 27
Pol. Ind. Comte de Sert
E-08755 Castellbisbal (BARCELONA)
Phone: +34 902 11 99 38
Fax: +34 902 11 99 40
comercial@gruposerter.com

Sweden

Flintec AB
Köpmangatan 1B
SE-72215 Västerås
Phone: +46 21 120155
Fax: +46 21 130945
sweden@flintec.net

Switzerland

M+W Consult
Oberer Rebbergweg 92
4153 Reinach BL
Phone: +41 61 711 3031
Fax: +41 61 711 3026
peter.gempp@bluewin.ch

Turkey

Baykon A.Ş.
Kimya Sanayicileri OSB
Organik caddesi No:31
34956 Tuzla-Istanbul
Phone: +90 216 5932630
Fax: +90 216 5932638
sales@baykon.com

Ukraine

Makig
Gagarina pr-kt, 3
02105 Kiev
Phone: +38044 465-63-56
Fax: +38044 573-24-65
makig@ua.fm