SEFRAM INSTRUMENTS
Digital Catalogue

BK PRECISION
ELECTRONIC TEST INSTRUMENTS

Sefram

Digital Catalogue

SEFRAM digital catalogue contains many hypertext links to aim at:

➢ Allowing you to quickly and easily choose your product,
➢ Guiding you on the products pages from our website to show you the associated accessories,
➢ Guiding you on the detailed technical documentations.

Contents return

SEFRAM's website home page

➢ DATA ACQUISITION SOLUTIONS

Sefram

○ A portable data acquisition solution for all your process applications.

DAS 220

DAS 240

Products page

Model	DAS 220	DAS 240
Number of channels	10 multiplexed channels	20 to 200 multiplexed channels
Touch screen	TFT 10 " Colour	TFT 10 " Colour
Measured values	Temperature, DC Voltage, Current, Resistance	Temperature, DC Voltage, Current, Resistance
Max. permissible Voltage	100 V DC	100 V DC
Max Sampling Frequency	1 kHz (1 ms)	1 KHz (1 ms)
Internal Memory	32 Go	32 Go
Battery life	15 h	15 h
External piloting and processing software	✓	✓
Interface	USB, Ethernet, Wi-Fi, Digital Input/Output	USB, Ethernet, Wi-Fi, Digital Input/Output
Detailed data sheet		

DAS220-240 DATA ACQUISITION

Social networks

Technical Documentation

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DATA ACQUISITION SOLUTIONS

A portable Data Acquisition Solution for all your process applications.
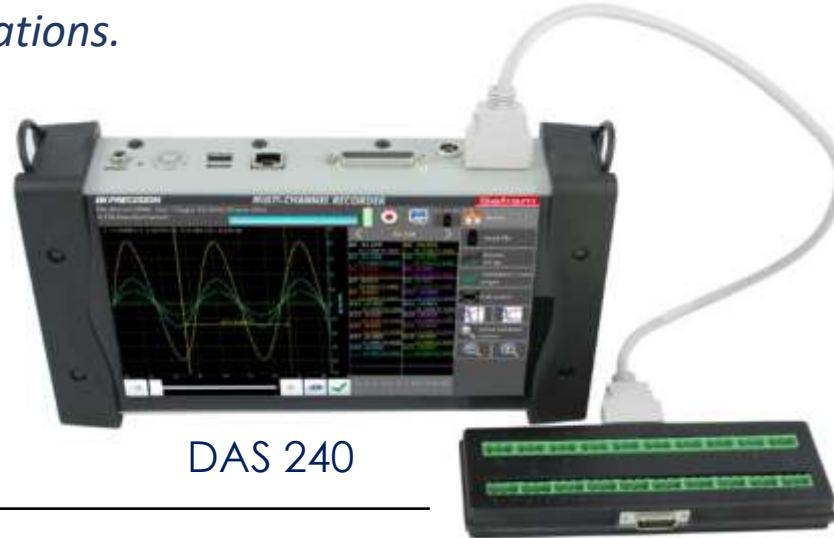
DAS 220

DAS 240

Model	DAS 220	DAS 240
Number of channels	**10 multiplexed channels**	**20 to 200 multiplexed channels**
Touchscreen	TFT 10 '' Colour	TFT 10 '' Colour
Measured values	Temperature, DC Voltage, Current, Resistance	Temperature, DC Voltage, Current, Resistance
Maximum Voltage	100 V DC	100 V DC
Max Sampling Frequency	1 kHz (1 ms)	1 kHz (1 ms)
Internal Memory	32 GB	32 GB
Battery life	15 h	15 h
Remote control and process software	✓	✓
Interface	USB, Ethernet, Wi-Fi, Digital Input/Output	USB, Ethernet, Wi-Fi, Digital Input/Output
Detailed datasheet	📄	📄

DATA ACQUISITION SOLUTIONS

A portable, high-speed and multi-purposed Data Acquisition Solution with power analysis function*.
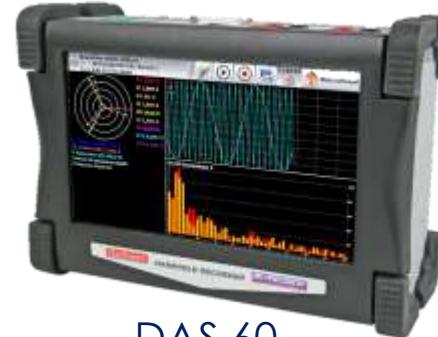
*Internal printer option available for each model

DAS 30   DAS 50   DAS 60

Model	DAS 30	DAS 50	DAS 60
Number of channels	2 isolated universal channels	4 isolated universal channels	6 isolated universal channels
Touchscreen	TFT 10'' Colour	TFT 10'' Colour	TFT 10 '' Colour
Measured values	Temperature, DC Voltage / AC+DC, Current, Resistance, Frequency	Temperature, DC Voltage / AC+DC, Current, Resistance, Frequency	Temperature, DC Voltage / AC+DC, Current, Resistance, Frequency
Maximum Voltage	500 V	500 V	500 V
Bandwidth	100 kHz	100 kHz	100 kHz
Max Sampling Frequency	1 MHz (1 µs)	1 MHz (1 µs)	1 MHz (1 µs)
Power analysis	✓ (Up to 100Hz)	✓ (Up to 100Hz)	✓ (Up to 400 Hz)
Internal Memory	32 GB	32 GB	64 GB
Battery life	9h30	9h30	9h30
Remote control and process software	✓	✓	✓
Interface	USB, Ethernet, Wi-Fi, Digital Input/Output	USB, Ethernet, Wi-Fi, Digital Input/Output	USB, Ethernet, Wi-Fi, Digital Input/Output
Detailed datasheet	📄	📄	📄

DAS 30 / DAS 50 / DAS 60

➤ DATA ACQUISITION SOLUTIONS

◯ *An effective bench Data Acquisition Solution.*

DAS 700

DAS 701

| Model	DAS 700	DAS 701
Number of channels	**6 isolated universal channels**	**12 multiplexed channels**
Touchscreen	TFT 15.6 '' Colour	TFT 15.6 '' Colour
Measured values	Temperature, DC Voltage / AC+DC, Current, Resistance, Frequency	Temperature, DC Voltage, Current, Resistance
Maximum Voltage	Up to 500 V	50 V
Bandwidth	100 kHz	1 kHz
Max Sampling Frequency	1 MHz (1 µs)	5 kHz (200 µs)
Internal Memory	500 GB	500 GB
Power analysis	✓ (Up to 1kHz)	✗
Function of advanced mathematics	✓	✓
Remote control and process software	✓	✓
Interface	USB, Ethernet, Wi-Fi, Digital Input/Output	USB, Ethernet, Wi-Fi, Digital Input/Output
Detailed datasheet	📄	📄

DAS 700 / DAS 701

➢ DATA ACQUISITION SOLUTIONS

Modular High Speed Data Acquisition Solution for all demanding applications.

DAS 1700

8460

Model	DAS 1700	8460
Number of channels	**6 to 72 channels**	**6 to 36 channels (thermal printer)**
Acquisition card type	Multiplexed, Universal, Strain gauge	Multiplexed, Universal, Strain gauge
Touchscreen	TFT 15.6 '' Colour	TFT 15.4 '' Colour
Measured values	Temperature, DC Voltage / AC+DC, Current, Resistance, Frequency	Temperature, DC Voltage / AC+DC, Current, Resistance, Frequency
Maximum Voltage	Up to 1000 V	Up to 1000 V
Bandwidth	100 kHz	100 kHz
Max Sampling Frequency	1 MHz (1 µs)	1 MHz (1 µs)
Internal Memory	500 GB	500 GB
Power analysis	✓ (Up to 4 simultaneous three-phased analysis and 1 kHz)	✓ (Up to 3 simultaneous three-phased analysis and 1 kHz)
Function of advanced mathematics	✓	✓
Remote control and process software	✓	✓
Interface	USB, Ethernet, Wi-Fi, Digital Input/Output	USB, Ethernet, Wi-Fi, Digital Input/Output
Detailed datasheet	📄	📄

DAS1 700 / 8460

➤ TEMPERATURE DATALOGGERS

A compact unit with a programmable alarm function for long period measurements.

LOG1601

LOG1620

Model	LOG1601	LOG1620
Temperature Range	-40°C to +85°C	-40°C to 85°C
Humidity measurement	✗	✓
Integrated internal sensor	Resistive	Resistive
Resolution	0.1°C	0.1°C and 0.10%
Recording	50 000 points	50 000 points
Programmable alarm	✓	✓
Battery life	1 year	1 year
Supplied PC software	✓	✓
Interface	USB	USB
Detailed datasheet	📄	📄

LOG1601 / LOG1620

An intuitive TV meters range dedicated to installers.

SEFRAM7848

SEFRAM7849

SEFRAM7859

Model	SEFRAM7848	SEFRAM7849	SEFRAM7859
DVB-T, DVB-T2, complete measurements	✓	✓	✓
DVB-T, DVB-S2, complete measurements	✓	✓	✓
DVB- J-83A, DVB-C2, complete measures(J-83A)	✗	✓	✓
Satellite pointer mode	✓	✓	✓
Terrestrial pointer mode	✓	✓	✓
Digital, terrestrial and SD and HD satellite TV bouquets visualisation	✓	✓	✓
External power supply 5V/ 13V/ 18V/ 24V	✓	✓	✓
Measurement plan	✗	✓	✓
Values recording	✗	✓	✓
Satellite and terrestrial reception optical measurement	✗	✗	✓
Detailed datasheet	🗎	🗎	🗎

7848 / 7849 / 7859

A professional TV Meters range for broadcaster experts.

SEFRAM7880

SEFRAM7881

SEFRAM7882

SEFRAM7885

Model	SEFRAM7880	SEFRAM7881	SEFRAM7882	SEFRAM7885
DVB-T/T2/T2Lite, DVB-C/C2, DVB-S/S2 (MS)	✓	✓	✓	✓
MPEG-2, MPEG-4 (H.264) HEVC (H.265) decoding	✓	✓	✓	✓
Fast spectral analysis	✓	✓	✓	✓
DCSS, SatCR according to EN50607	✓	✓	✓	✓
Expert spectrum	✓	✓	✓	✓
2.4 GHz and 5 GHz WiFi	✓	✓	✓	✓
CAM CI	✕	✓	✓	✓
MER by CARRIER	✕	✓	✓	✓
IPTV	✕	✕	✓	✓
GPS	✕	✕	✕	✓
Detailed datasheet	🗎	🗎	🗎	🗎

➢ TRMS AC+DC MULTIMETERS

A complete range of high-accuracy handheld multimeters for demanding applications.

SEFRAM7334 SEFRAM7335 SEFRAM7352B SEFRAM7355

Model	7334	7335	7352B	7355
Display	6000 points	6000 points	40000 points	100000 points
Max DC Voltage / Max AC Voltage	1000 V	1000 V	1000 V	1000 V
Max Voltage AC+DC	600 V	600 V	1000 V	1000 V
Max Current AC+DC	10 A	10 A	10 A	10 A
Max Resistance	40 MΩ	40 MΩ	10 MΩ	10 MΩ
Continuity	✓	✓	✓	✓
Capacitance measurement	✓	✓	✓	✓
Bluetooth	✕	✕	✓	✕
Detailed datasheet				

Test leads for multimeters

*Compatible with **SP295 current clamp**
30A/300A/3000A

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➤ TRMS AC MULTIMETERS

◯ *An efficient range of multimeters.*

SEFRAM7202　　SEFRAM7203　　SEFRAM7204　　SEFRAM7220　　SEFRAM7221　　SEFRAM7223

Model	7202	7203	7204	7220	7221	7223
Display	6000 points	6000 points	6000 points	6000 points	6000 points	6000 points
Max DC Voltage / Max AC Voltage	600 V	600 V	600 V	1000 V	1000 V	1000 V
Max DC Current / Max AC Current	✗	10 A	10 A	✗	10 A	10 A
Max Resistance	40 MΩ	40 MΩ	40 MΩ	40 MΩ	40 MΩ	40 MΩ
Continuity	✓	✓	✓	✓	✓	✓
Capacitance measurement	✓	✓	✓	✓	✓	✓
Temperature	✗	✗	✓	✗	✗	✓
Datalogger function	✗	✗	✗	✗	✓	✓
Measurement voltage on solar panel (Option SA163)	✗	✗	✗	✗	✗	✓
Detailed datasheet	🖺	🖺	🖺	🖺	🖺	🖺

Test leads for multimeters

*Compatible with **SP295 current clamp** 30A/300A/3000A

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➢ CURRENT CLAMPS

Sefram

Up to 1500 AAC/DC clamp-on meter range for maintenance services.

MW3350   MW3352*   MW3360   MW3380   MW3390

*Dedicated for heating specialists

Model	MW3350	MW3352	MW3360	MW3380	MW3390
Display	LCD 4000 points	LCD 4000 points	LCD 4000 points	LCD 4000 points	LCD 4000 points
Max DC Voltage	600 V	1000 V	600 V	1000 V	1000 V
Max AC Voltage	600 V	600 V	600 V	750 V	750 V
Max AC Current	400 A	600 A	600 A (AC/DC)	1000 A	1500 A
Max Resistance	400 MΩ	400 MΩ	400 MΩ	400 MΩ	400 MΩ
Jaws opening	37 mm	36 mm	45 mm	53 mm	53 mm
Continuity	✓	✓	✓	✓	✓
Temperature	✗	✓	✗	✗	✗
Detailed datasheet	🗎	🗎	🗎	🗎	🗎

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POWER METER CLAMPS

Up to 1000V / 1000kW Power Meter Clamps range made for maintenance services.

MW3516BF   MW3526BF   MW3536BF

Model	MW3516BF	MW3526BF	MW3536BF
Display	10000 points	10000 points	10000 points
Max DC Voltage / Max AC Voltage	1000 V	1000 V	1000 V
Max AC Current	600 A	600 A	1000 A
Max DC Current	✕	600 A	1000 A
Max Resistance	100 MΩ	100 MΩ	100 MΩ
Jaws opening	45 mm	45 mm	45 mm
Active power measurement	✓	✓	✓
Bluetooth	✓	✓	✓
Detailed datasheet			

➢ VOLTAGE TESTERS

A complete range of LED voltage and continuity testers.

SEFRAM62   SEFRAM66   SEFRAM70

Model	SEFRAM62	SEFRAM66	SEFRAM70
Display	LED	LCD Screen + LED	LCD Screen + LED
IP2X Touch points	✓	✓	✓
Max AC Voltage	690 V	1000 V	1000 V
Max DC Voltage	690 V	1500 V	1000 V
Continuity test	✓	✓	✓
Resistance measurement	✓	✓	✓
Phases rotation test	✓	✓	✓
Current measurement	✘	✘	200 A AC
Detailed datasheet	📄	📄	📄

○ *50V to 1000V Insulation tester, 600V TRMS Multimeter.*

Active testing probe for
MW9090 and MW9091 :
9090PROBE

MW9090

MW9091

Model	MW9090	MW9091	
Testing Voltage	50 V, 100 V, 250 V, 500 V, 1000 V	50 V, 100 V, 250 V, 500 V, 1000 V	
Insulation resistance measurement	20 GΩ	22 GΩ	
Continuity test	✓	✓	
PI and DAR measurement	✓	✓	
Multimeter function	✗	✓	
Interface	✗	✗	
Detailed datasheet	📄	📄	

A multi-purpose range for your environment measurements.

Thermo-hygrometer
- Humidity 0 to 100%
- Temperature probe T1: -20°C to 60°C
- Thermocouple Temperature probe T2: -200°C to 1370°C
- USB interface with software
- Recording 32000 points
- Bluetooth application

Detailed datasheet

SEFRAM 9822B

Sound level meter with recrotation
- Measuring range 30 dB to 130 dB
- Frequency weighting A and C
- USB interface with software
- Recording 128000 points
- MP3 audio recording

Detailed datasheet

SEFRAM 9836

Hot wire anemometer
- Air speed and flow measurement
- Temperature measurement
- Humidity measurement

Detailed datasheet

SEFRAM 9862

4 inputs thermometer
- Measurement range -200 °C to 1370 °C
- USB interface with software
- Recording 32000 points
- Bluetooth application

Detailed datasheet

SEFRAM 9816B

Laser infrared thermometer
- Measurement range -32 to 420°C
- Optic D/S 20:1
- Min/Max/Scan memory

Detailed datasheet

SEFRAM 9819

Digital light meter
- Measuring range 40 to 4000 lux
- Incandescent light, natural LED
- Min, Max, Avg, Hold functions

Detailed datasheet

SEFRAM 9855

9822B / 9836 / 9862 / 9814B / 9819 / 9855

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Sefram

🔘 *A triple output DC power supplies range up to 375W.*

BK1672

BK1673

BK1761

BK1762

Model	BK1672	BK1673	BK1761	BK1762
Power	**200W**	**375W**	**220W**	**300W**
Outputs	3	3	3	3
Output Voltage	2x 0-32V / 1x 5V	2x 0-32V / 1x 5V	2x 0-35V / 1x 2 -6.5V	2x 0-60V / 1x 4-6.5V
Output Current	2x 0-3A / 1x 3A	2x 0-6A / 1x 3A	2x 0-3A / 1x 0-5A	2X 0-2A / 1x 0-5A
CC and CV mode	✓	✓	✓	✓
Serial or parallel mode	✓	✓	✓	✓
Protection	✗	✗	OVP	OVP
Interface	✗	✗	✗	✗
Remote sense	✗	✗	✗	✗
Detailed datasheet	📄	📄	📄	📄

DC POWER SUPPLIES

A switching power supplies range up to 960W.

BK168XB series

BK169XB series

BK190XB series

Model	BK168XB series	BK169XB series	BK190XB series
Power	**From 300 to 360W**	**200W**	**From 900W to 960W**
Outputs	1	1	1 (+ 1 auxiliary output)
Output Voltage	Up to 60V	Up to 60V	Up to 60V
Output Current	Up to 20A	Up to 10A	Up to 60A
CC and CV mode	✓	✓	✓
Remote control software	✓	✓	✓
Protection	OCP, OVP, OTP	OCP, OVP, OTP	OCP, OVP, OTP
Interface	USB	USB, RS 485	USB
Remote sense	✕	✕	✕
Analogue control	✓	✕	✓
Detailed datasheet			

DC POWER SUPPLIES

◯ *A programmable multi-range linear power supplies up to 600W.*

BK910X series

BK920X series

Model	BK910X series	BK920X series
Power	320W	From 200W to 600W
Outputs	1	1 (+ 1 auxiliary output)
Output Voltage	Up to 84V	Up to 84V
Output Current	Up to 20A	Up to 25A
CC and CV mode	✓	✓
Remote control software	✓	✓
Protection	OCP, OVP, OTP	OCP, OVP, OTP
Interface	USB	USB, RS232, GPIB, Driver LabView
Batteries test	✗	✓
Remote sense	✓	✓
Analogue control	✓	✓
Detailed datasheet	📄	📄

➢ DC POWER SUPPLIES

○ *A programmable dual range linear power supplies range with a configurable interface.*

BK917XB series

BK918XB series

Model	BK917XB series	BK18XB series
Power	**From 100W to 210W**	**From 200W to 600W**
Outputs	2	1
Output voltage	Up to 70V	Up to 600V
Output current	Up to 5A	Up to 10A
LED testing mode	✓	✓
Standard interface	USB, Driver LabView	USB, Driver LabView
Flexible interface according to the chosen card option	RS-232, LAN + IEE, Analogue, RS485	RS-232, LAN + IEE, Analogue, RS485
Remote control software	✓	✓
Remote sense	✓	✓
Protection	OCP, OVP	OCP, OVP
Detailed datasheet	📄	📄

BK917XB / BK918XB

DC POWER SUPPLIES

A wide range of rackable programmable linear Power Supplies.

BK9115 series   XLN series High Voltage   XLN series High Current

Model	BK9115 series	XLN series High Voltage	XLN series High Intensity
Power	**From 1200W to 3000W**	**1560W**	**1440W**
Outputs	1	1	1 (+ 1 auxiliary output 5V/1A)
Output Voltage	Up to 150V	Up to 600V	Up to 100V
Output Current	Up to 120A	Up to 10.4A	Up to 24A
Serial or parallel mode	✓	✓	✓
Interface	USB, RS-232, GPIB, RS-485, LAN	USB, RS-485, Driver LabView (GPIB, LAN in option)	USB, RS-485, Driver LabView (GPIB, LAN in option)
Analogue control	✓	✓	✓
Remote sense	✓	✓	✓
Protection	OVP, OVP, OTP	OVP,OCP,OTP, OPP	OVP,OCP,OTP, OPP
Detailed datasheet	📄	📄	📄

DC POWER SUPPLIES

A wide range of rackable programmable linear Power Supplies including photovoltaic features.

MR series

PVS series

Model	MR series	PVS series
Power	**Up to 5000W**	**From 3000W to 5100W**
Outputs	1	1
Output Voltage	Up to 1000V	Up to 1000V
Output Current	Up to 80A	Up to 8.5A
Serial or parallel mode	✓	✓
Interface	USB, RS-232, GPIB, LAN (LEXI)	USB, RS-485, RS-232, IEEE, LAN, Driver LabView
Analogue control	✓	✓
Remote sense	✓	✓
Protection	OCP, OVP, OTP, OPP	OVP, OVP, OTP, OPP
Detailed datasheet		

MR / PVS

Programmable AC Power Sources range from 300 VA to 1500 VA.

BK9801

BK9803

BK9805

Model	BK9801	BK9803	BK9805
Power	**300 VA**	**750 VA**	**1500 VA**
Outputs	1	2	1
Output Voltage	Up to 300V	Up to 300V	Up to 300V
Output Current	Up to 3A	Up to 6A	Up to 12A
Output frequency	45 to 500Hz	45 to 500Hz	45 to 500Hz
Remote control Software	✓	✓	✓
External trigger	✓	✓	✓
Interface	USB, LAN, RS-232, LabView Driver	USB, LAN, RS-232, GPIB, LabView Driver	USB, LAN, RS-232, GPIB, LabView Driver
Rack-mount	✓	✓	✓
Protection	OCP, OVP, OPP, OTP	OCP, OVP, OPP, OTP	OCP, OVP, OPP, OTP
Detailed datasheet	📄	📄	📄

Programmable AC Power Sources up to 3000 VA with DC output.

BK9832

BK9833

Model	BK9832	BK9833
AC power	**2000 VA**	**3000 VA**
DC power	1000 W	1500 W
Outputs	1	1
Output Voltage	Up to 300V	Up to 300V
Output Current	Up to 20A	Up to 30A
Output frequency	From 45 to 1200Hz	From 45 to 1200Hz
Remote control Software	✓	✓
External trigger	✓	✓
Interface	USB, RS-232, RS-232, LabView Driver	USB, LAN, RS-232, GPIB, LabView Driver
Rack-mount	✓	✓
Protection	OCP, OVP, OPP, OTP	OCP, OVP, OPP, OTP
Detailed datasheet	📄	📄

DC ELECTRONIC LOADS

An Electronic Loads range from 150W to 600W.

| BK8542B | BK8500B | BK8502B | BK8510B |

Model	BK8542B	BK8500B	BK8502B	BK8510B
Max power	150W	300W	300W	600W
Inputs	1	1	1	1
Input voltage	150V	150V	500V	120V
Input current	30A	30A	15A	120A
Constant mode	CC, CV, CR, CW	CC, CV, CR, CW	CC, CV, CR, CW	CC, CV, CR, CW
Interface	USB (TTL)	USB (TTL)	USB (TTL)	USB (TTL)
Analogue control	✓	✓	✓	✓
Batteries test	✓	✓	✓	✓
Remote sense	✓	✓	✓	✓
Protection	OVP, OCP, OPP, OTP	OVP,OCP,OTP, OPP	OVP,OCP,OTP, OPP	OVP, OVP, OTP
Detailed datasheet	📄	📄	📄	📄

BK8542B / BK8500B / BK8502B / BK8510B

DC ELECTRONIC LOADS

A high performance Electronic Loads range up to 1500W.

| BK8600 | BK8601 | BK8602 | BK8610 | BK8612 |

Model	BK8600	BK8601	BK8602	BK8610	BK8612
Max power	150W	250W	200W	750W	1500W
Inputs	1	1	1	1	1
Input voltage	120V	120V	500V	120V	500V
Input current	30A	60A	15A	120A	30A
Constant mode	CC, CV, CR, CW	CC, CV, CR, CW	CC, CV, CR, CW	CC, CV, CR, CW	CC, CV, CR, CW
Interface	USB, RS-232, GPIB	USB, RS-232, GPIB	USB, RS-232, GPIB	USB, RS-232, GPIB	USB, RS-232, GPIB
Analogue control	✓	✓	✓	✓	✓
Remote sense	✓	✓	✓	✓	✓
Battery test	✓	✓	✓	✓	✓
Protection	OVP, OCP, OPP, OTP	OVP,OCP,OTP, OPP	OVP,OCP,OTP, OPP	OVP, OCP, OTP, OPP	OVP, OCP, OTP, OPP
Detailed datasheet	📄	📄	📄	📄	📄

DC ELECTRONIC LOADS

A high performance Electronic Loads range from 1500W to 6000W.

BK8614   BK8616   BK8620   BK8622   BK8624   BK8625

Model	BK8614	BK8616	BK8620	BK8622	BK8624	BK8625
Max power	1500W	1200W	3000W	2500W	4500W	6000W
Inputs	1	1	1	1	1	1
Input voltage	120V	500V	120V	500V	120V	120V
Input current	240A	60A	480A	100A	600A	720A
Constant mode	CC, CV, CR, CW	CC, CV, CR, CW	CC, CV, CR, CW	CC, CV, CR, CW	CC, CV, CR, CW	CC, CV, CR, CW
Interface	USB, RS-232, GPIB	USB, RS-232, GPIB	USB, RS-232, GPIB	USB, RS-232, GPIB	USB, RS-232, GPIB	USB, RS-232, GPIB
Analogue control	✓	✓	✓	✓	✓	✓
Remote sense	✓	✓	✓	✓	✓	✓
Battery test	✓	✓	✓	✓	✓	✓
Protection	OVP, OCP, OPP, OTP	OVP,OCP,OTP, OPP	OVP,OCP,OTP, OPP	OVP, OCP, OTP, OPP	OVP, OCP, OTP, OPP	OVP, OCP, OTP, OPP
Detailed datasheet	📄	📄	📄	📄	📄	📄

➤ DC ELECTRONIC LOADS

A modular* Electronic Loads range from 200W to 4800W.

MDL series

Model	MDL200	MDL252	MDL302	MDL305	MDL6400	MDL505	MDL600
Max power	**200W**	**250W / 50W**	**300W / 300W**	**300W**	**400W**	**500W**	**600W**
Inputs	1	2	2	1	1	1	1
Input voltage	80V	80V	80V	80V	80V	80V	80V
Input current	40A	20A	45A	20A	60A	30A	120A
Interface	USB, RS-232, GPIB, LAN	USB, RS-232, GPIB, LAN	USB, RS-232, GPIB, LAN	USB, RS-232, GPIB, LAN	USB, RS-232, GPIB, LAN	USB, RS-232, GPIB, LAN	USB, RS-232, GPIB, LAN
Constant mode	CC, CV, CR, CW, CZ	CC, CV, CR, CW, CZ	CC, CV, CR, CW, CZ	CC, CV, CR, CW, CZ	CC, CV, CR, CW, CZ	CC, CV, CR, CW, CZ	CC, CV, CR, CW, CZ
Analogue control	✓	✓	✓	✓	✓	✓	✓
Remote sense	✓	✓	✓	✓	✓	✓	✓
Protection	OVP, OCP, OPP, OTP	OVP,OCP,OTP, OPP	OVP,OCP,OTP, OPP	OVP, OCP, OTP, OPP	OVP, OCP, OTP, OPP	OVP, OCP, OTP, OPP	OVP, OCP, OTP, OPP
Detailed datasheet	📄	📄	📄	📄	📄	📄	📄

*To be integrated in the MDL001 main unit or the MDL002 expansion unit for rack-mount

A high resolution bench LCR meters up to 1MHz.

BK891   BK894   BK895

Model	BK891	BK894	BK895
Measurement	R, L, C, Z, D, Q, G, B, Y, ESR, DCR, Θ	R, L, C, Z, D, Q, G, B, Y, ESR, DCR, Θ	R, L, C, Z, D, Q, G, B, Y, ESR, DCR, Θ
Test frequency	20 Hz to 300kHz	20Hz to 500kHz	20Hz to 1MHz
Basic accuracy	0.05%	0.05%	0.05%
Frequency scanning function	✓	✓	✓
Memory function	100 configurations	40 configurations	40 configurations
Interface	USB, LAN, RS-232, GPIB	USB, LAN, RS-232, GPIB	USB, LAN, RS-232, GPIB
Transformer test	✖	✓ (option)	✓ (option)
Detailed datasheet	📄	📄	📄

BK891 / BK894 / BK895

➤ LCR METERS

⬭ *40,000-count handheld LCR meters range.*

BK878B BK879B BK880

Model	BK878B	BK879B	BK880
Measurement	R, L, C, D, Q	R, L, C, Z, D, Q, ESR, Θ	R, L, C, Z, D, Q, ESR, DCR, Θ
Test frequency	120Hz, 1kHz	100Hz, 120 Hz, 1KHz, 10kHz	100Hz, 120Hz, 1KHz, 10kHz, 100kHz
Basic accuracy	0.5%	0.5%	0.1%
Automatic range change	✓	✓	✓
Min/Max/AV Hold function	✓	✓	✓
Interface	USB	USB	USB
Detailed datasheet	📄	📄	📄

BK878B / BK879B / BK880

BENCH MULTIMETERS

High resolution True RMS Bench Digital Multimeters.

BK2831E

BK5491B

BK5492B

Model	BK2831E	BK5491B	BK5492B
Measurements	TRMS AC + DC Voltage and Current, Frequency, Period, Resistance	TRMS AC + DC Voltage and Current, Frequency, Period, Resistance	TRMS AC+DC Voltage and Current, Frequency, Period, Resistance
Number of points	20,000 points	50,000 points	120,000 points
Basic accuracy	0.03%	0.02%	0.01%
Voltage	750V AC - 1000V DC	750V AC - 1000V DC	750V AC - 1000V DC
Current	20A AC+DC	20A AC+DC	12A AC+DC
Bandwidth	100 kHz	100 kHz	100 kHz
Interface	USB	USB, RS-232	USB, RS-232
Remote control software	✓	✓	✓
Detailed datasheet	📄	📄	📄

BK2831E / BK5491B / BK5492B

FUNCTIONS GENERATORS

DDS Dual Channel Function/Arbitrary Waveform Generators up to 60MHz.

BK405XB series

Model	BK4053B	BK4054B	BK4055B
Frequency range	**1 µHz - 10MHz**	**1 µHz - 30MHz**	**1 µHz - 60MHz**
Number of channels	2	2	2
Sampling speed	150 MSa/s	150 MSa/s	150 MSa/s
Generated signals	Sine, ramp, pulse, arbitrary	Sine, ramp, pulse, arbitrary	Sine, ramp, pulse, arbitrary
Modulation	AM/DSB-AM/ASK/FM/FSK/PM/PWM/External	AM/DSB-AM/ASK/FM/FSK/PM/PWM/External	AM/DSB-AM/ASK/FM/FSK/PM/PWM/External
Internal/External trigger	✓	✓	✓
Interface	USB, LAN, IEEE (option)	USB, LAN, IEEE (option)	USB, LAN, IEEE (option)
Remote control software	✓	✓	✓
Detailed datasheet	📄	📄	📄

BK405XB

➤ FUNCTIONS GENERATORS

Sefram

◯ *DDS Dual Channel Function/Arbitrary Waveform Generators up to 120MHz.*

BK406XB series

Model	BK4062B	BK4063B	BK4064B
Frequency range	**1 µHz - 40MHz**	**1 µHz - 80MHz**	**1 µHz - 120MHz**
Number of channels	2	2	2
Sampling speed	300 MSa/s (DDS) / 75 MSa/s (True arbitrary)	300 MSa/s (DDS) / 75 MSa/s (True arbitrary)	300 MSa/s (DDS) / 75 MSa/s (True arbitrary)
Generated signals	Sine, ramp, pulse, arbitrary	Sine, ramp, pulse, arbitrary	Sine, ramp, pulse, arbitrary
Modulation	AM/DSB-AM/ASK/FM/FSK/PM/PWM/External	AM/DSB-AM/ASK/FM/FSK/PM/PWM/External	AM/DSB-AM/ASK/FM/FSK/PM/PWM/External
Internal/External trigger	✓	✓	✓
Interface	USB, LAN, IEEE (option)	USB, LAN, IEEE (option)	USB, LAN, IEEE (option)
Remote control software	✓	✓	✓
Detailed datasheet	🗎	🗎	🗎

BK406XB

➤ PULSE GENERATORS

○ *High performance programmable pulse generators range.*

BK4033

BK4034

Model	BK4033	BK4034
Generated signals	Pulse	Pulse
Number of channels	1	2
Pulse length	From 10ns to 10s	From 10ns to 10s
Output frequency	From 0.1Hz to 50MHz	From 0.1Hz to 50MHz
Internal/External trigger	✓	✓
Interface	IEEE, RS-232	IEEE, RS-232
Detailed datasheet	📄	📄

DIGITAL OSCILLOSCOPES

A performance and value all in one Digital Storage and Mixed Signal Oscilloscope (MSO).

BK254XC series

BK2190E

Model	BK2540C	BK2542C	BK2544C	BK2190E
Bandwidth	70MHz	100MHz	200MHz	100kHz
Number of channels	2	2	2	2
Sampling rate	1GSa/s	1GSa/s	1GSa/s	1GSa/s
Remote control software	✓	✓	✓	✓
MSO option (when rotationing)	✓	✓	✓	✗
Interface	LAN, USB	LAN, USB	LAN, USB	LAN, USB
Detailed datasheet	📄	📄	📄	📄

BK2540C / BK2542C / BK2544C / BK2190E

DIGITAL OSCILLOSCOPES

Digital Storage and Mixed Signal Oscilloscope (MSO) range up to 300MHz.

BK256X series

Model	BK2563	BK2565	BK2566	BK2567	BK2568	BK2569
Bandwidth	70MHz	100MHz	200MHz	200MHz	300MHz	300MHz
Number of channels	4	4	2	4	2	4
Sampling rate	2GSa/s	2GSa/s	2GSa/s	2GSa/s	2GSa/s	2GSa/s
External software	✓	✓	✓	✓	✓	✓
External trigger	✓	✓	✓	✓	✓	✓
MSO option	✓	✓	✓	✓	✓	✓
Interface	LAN, USB	LAN, USB	LAN, USB	LAN, USB	LAN, USB	LAN, USB
Detailed datasheet	📄	📄	📄	📄	📄	📄

➤ SPECTRUM ANALYZERS

Range of spectrum analyzers delivers performance and functionality in frequency ranges from 9 kHz to 3.2 GHz.

BK2682

BK2683

Model	BK2682	BK2683
Frequency range	**9kHz – 2.1GHz**	**9kHz – 3.2GHz**
Minimal resolution bandwidth	1Hz	1Hz
Sensitivity	- 161dBm/Hz	- 161dBm/Hz
Preamplifier	✓	✓
Pursuit generator	✓	✓
External software	✓	✓
Interface	LAN, USB	LAN, USB
Detailed datasheet	📄	📄

BK2682 / BK2683

A handheld battery capacity analyzer to test and maintain sealed lead acid (SLA) batteries.

BK600B

BK601B
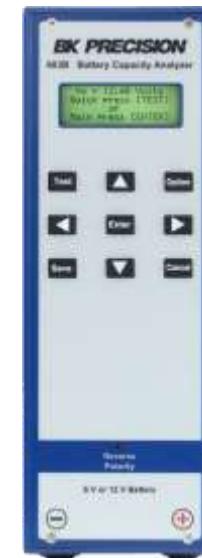
BK603B

Model	BK600B	BK601B	BK603B
Supported SLA battery voltages	12V	6V / 12V	6V / 12V
Capacity measurement	Up to 100Ah	Up to 100Ah	Up to 100Ah
Internal resistance measurement	✗	✗	✓
Resolution	10mV	10mV	10mV
Recording mode	✗	✗	✓
Interface	✗	✗	USB
Detailed datasheet			

BK600B / BK601B / BK603B

A bench battery analyzer range up to 300V battery packs.

BA6010

BA6011

Model	BA6010	BA6011
Voltage measurement range	6V / 60V	30V / 300V
Accuracy	0.05%	0.05%
AC test signal	1kHz	1kHz
Resolution	100µV	1mV
Interface	RS-232, USB, Analogue	RS-232, USB, Analogue
Detailed datasheet		

BA6010 / BA6011

➢ OTHER CATALOGUES

⬭ *Testing accessories catalogue*

⬭ *Oscilloscopes probes catalogue*

⬭ *B&K PRECISION catalogue*

⬭ *Data Acquisition Solutions catalogue*
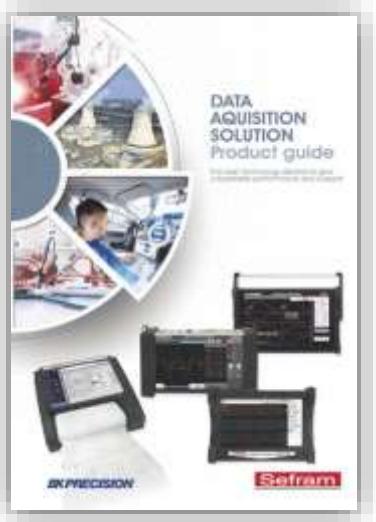
⬭ *TV meters catalogue*

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