

## A. Supported spectrum analyzers

The following lists contain all spectrum analyzers supported by ChipScan-Scanner, the appropriate supported interfaces (RS232, GPIB<sup>1</sup>, Ethernet), the firmware version and additional important notes regarding the specific model. If you do not find your spectrum analyzer in the list please contact our sales team for available options using the following email address [mail@langer-emv.com](mailto:mail@langer-emv.com).

We are making great efforts to develop our drivers and testing them intensively. Due to different available firmwares for specific spectrum analyzer models we can not guarantee to 100 percent that all spectrum analyzers in these lists are working without any errors.

Meaning of icons are: ✓ driver fully tested, ⚠ driver in test phase.

### Advantest

Model	RS232	GPIB	Ethernet	Firmware	Notes
R3131		⚠			
R3131A		✓			
R3132		✓			
R3272		✓			no hardcopy
U3741		✓			
U3751		✓			
U3771		✓			
U3772		✓			

### GW Instek

Model	RS232	GPIB	Ethernet	Firmware	Notes
GSP9300B			✓		no hardcopy, no tracking generator
GSP9330			✓	V3.0.0.6	no hardcopy, no tracking generator

### Keysight (former Agilent)

Model	RS232	GPIB	Ethernet	Firmware	Notes
E4401B		✓			ESA-E series
E4402B		✓			ESA-E series
E4403B		✓			ESA-L series
E4404B		✓		A.07.05	ESA-E series

<sup>1</sup>NI GPIB only, Agilent GPIB not supported.

Model	RS232	GPIB	Ethernet	Firmware	Notes
E4405B		✓			ESA-E series
E4407B		✓			ESA-E series
E4408B		✓			ESA-L series
E4411B		✓			ESA-L series
E7401A		✓		A.02.00	EMC series
E7402A		✓			EMC series
E7403A		✓			EMC series
E7404A		✓			EMC series
E7405A		✓		A.14.04	EMC series
N9000A		✓	✓	A.07.06	CXA series
N9000B		✓	✓	A.20.18	CXA series
N9010A		✓	✓	A.14.06	EXA series
N9010B		✓	✓	A.19.55	EXA series
N9020A		✓	✓	A.10.52	MXA series
N9020B		✓	✓	A.25.08	MXA series
N9021B		⚠	⚠		
N9030A		✓	✓	A.07.04	PXA series
N9038B		⚠	⚠		
N9320B			✓	0B.03.43	no hardcopy, no preset, no uncal

### Rigol

Model	RS232	GPIB	Ethernet	Firmware	Notes
DSA815			✓	00.01.08.00.03	slow data acquisition

### Rohde & Schwarz

Model	RS232	GPIB	Ethernet	Firmware	Notes
ESL3			✓	1.83 SP4	
ESL6			✓		
ESPI3		✓			no tracking generator yet
ESPI7		✓		4.42	no tracking generator yet
ESR3		✓	✓		no tracking generator yet
ESR7		✓	✓	2.27 SP1	no tracking generator yet
ESR26		✓	✓		no tracking generator yet
ESRP3		✓	✓		no tracking generator yet
ESRP7		✓	✓	2.26	no tracking generator yet
ESU8		✓	✓	4.43	hardcopy via GPIB only, no tracking generator yet

Model	RS232	GPIB	Ethernet	Firmware	Notes
ESU26		✓	✓		hardcopy via GPIB only, no tracking generator yet
ESU40		✓	✓		hardcopy via GPIB only, no tracking generator yet
ETL3		✓	✓	1.73	
FPC1000			✓		VXI via USB supported
FPC1500			✓		no tracking generator yet
FPL1003		✓	✓	1.51	
FPL1007		✓	✓	1.51	
FPL1014		⚠	⚠		
FPL1026		⚠	⚠		
FSEK30		✓		3.40.2	
FSH4			✓		no tracking generator
FSH8			✓	V2.50	no tracking generator
FSH13			✓		no tracking generator
FSL3		✓	✓	2.00 SP2	
FSL6		✓	✓	1.80 SP1	
FSL18		✓	✓	1.80 SP1	
FSP3		✓	✓		
FSP7		✓	✓	4.50	
FSP13		✓	✓	2.80	
FSP30		✓	✓		
FSP31		✓	✓		
FSP40		✓	✓		
FSU3		✓	✓		no tracking generator yet
FSU8		✓	✓		no tracking generator yet
FSU26		✓	✓	4.37	no tracking generator yet
FSU31		✓	✓		no tracking generator yet
FSU32		✓	✓		no tracking generator yet
FSU43		✓	✓		no tracking generator yet
FSU46		✓	✓		no tracking generator yet
FSU50		✓	✓		no tracking generator yet
FSU67		✓	✓		no tracking generator yet
FSUP8		✓	✓		
FSUP26		✓	✓	4.37	
FSUP50		✓	✓		
FSV3		✓	✓	1.50	

Model	RS232	GPIB	Ethernet	Firmware	Notes
FSV4		✓	✓		
FSV7		✓	✓		
FSV13		✓	✓	1.50	
FSV30		✓	✓		
FSV40		✓	✓		
FSW8		✓	✓		
FSW13		✓	✓		
FSW26		✓	✓	4.30 SP1	
FSW43		✓	✓		
FSW50		✓	✓		
FSW67		✓	✓		
FSW85		✓	✓		
HMS-X			✓	SW02.250	no tracking generator yet, analyzer is sometimes not recognized by the device search at the first attempt
MXO4			✓		live trace works reliably only for RBW >100 Hz
MXO44			✓	1.2.3.2	live trace works reliably only for RBW >100 Hz
RTO1002			✓		FFT on MATH1 channel
RTO1004			✓		FFT on MATH1 channel
RTO1012			✓		FFT on MATH1 channel
RTO1014			✓		FFT on MATH1 channel
RTO1022			✓		FFT on MATH1 channel
RTO1024			✓	2.40.1.1	FFT on MATH1 channel
RTO1044			✓		FFT on MATH1 channel

**Tektronix**

Model	RS232	GPIB	Ethernet	Firmware	Notes
RSA6106A		✓	✓		no hardcopy
RSA6114A		✓	✓	FV:2.1.0098	no hardcopy
RSA6120A		✓	✓		no hardcopy