

# A. Supported spectrum analyzers

The following lists contain all spectrum analyzers supported by ChipScan-ESA, 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
R3131A		✓			
R3132		✓			
U3751		✓			

## Keysight (former Agilent)

Model	RS232	GPIB	Ethernet	Firmware	Notes
N9000A		✓	✓		
N9010A		✓	✓		
N9020A		✓	✓		
N9030A		✓	✓		
N9000B		✓	✓		CXA series
N9010B		✓	✓		EXA series
N9020B		✓	✓	A.25.08	MXA series
N9021B		⚠	⚠		
N9030B		✓	✓		PXA series
N9038B		⚠	⚠		
N9040B		✓	✓		UXA series

## Rigol

Model	RS232	GPIB	Ethernet	Firmware	Notes
DSA815			✓	00.01.19.00.02	slow data acquisition

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

**Rohde & Schwarz**

Model	RS232	GPIB	Ethernet	Firmware	Notes
ESR3		✓	✓		no tracking generator yet
ESR7		✓	✓	2.27 SP1	no tracking generator yet
ESR26		✓	✓		no tracking generator yet
ESRP3		⚠	✓		no tracking generator yet
ESRP7		⚠	✓	3.66	no tracking generator yet
ESW8		✓	✓	3.10 SP1	
ESW26		⚠	⚠	3.10 SP1	
ESW44		⚠	⚠	3.10 SP1	
FPC1000			✓	V1.50	VXI via USB supported
FPC1500			✓	V1.70	Only dBm unit can be used with tracking generator
FPL1003		✓	✓	1.51	
FPL1007		✓	✓	1.51	
FPL1014		⚠	⚠		
FPL1026		✓	✓		
FSEK30		✓		3.40.2	
FSH8			✓	2.90	no tracking generator yet
FSL3		✓	✓	2.00 SP2	
FSL6		✓	✓	1.80 SP1	
FSL18		✓	✓	1.80 SP1	
FSP13		✓	✓		
FSU3		✓		2.81	no tracking generator yet
FSU8		✓		2.81	no tracking generator yet
FSU26		✓		2.81	no tracking generator yet
FSU31		✓		2.81	no tracking generator yet
FSU32		✓		2.81	no tracking generator yet
FSU43		✓		2.81	no tracking generator yet
FSU46		✓		2.81	no tracking generator yet
FSU50		✓		2.81	no tracking generator yet
FSU67		✓		2.81	no tracking generator yet
FSV3004		⚠	⚠	2.10	
FSV3007		⚠	⚠	2.10	
FSV3013		✓	✓	2.10	
FSV3030		⚠	⚠	2.10	
FSV3044		⚠	⚠	2.10	

Model	RS232	GPIB	Ethernet	Firmware	Notes
FSV3050		⚠	⚠	2.10	
FSVA3004		⚠	⚠	2.10	
FSVA3007		⚠	⚠	2.10	
FSVA3013		⚠	⚠	2.10	
FSVA3030		⚠	⚠	2.10	
FSVA3044		⚠	⚠	2.10	
FSVA3050		⚠	⚠	2.10	
FSW8		✓	✓	4.30 SP1	
FSW13		✓	✓	4.30 SP1	
FSW26		✓	✓	4.30 SP1	
FSW43		✓	✓	4.30 SP1	
FSW50		✓	✓	4.30 SP1	
FSW67		✓	✓	4.30 SP1	
FSW85		✓	✓	4.30 SP1	
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			✓		FFT on MATH1 channel
RTO1044			✓		FFT on MATH1 channel
RTO2002			✓		FFT on MATH1 channel
RTO2004			✓		FFT on MATH1 channel
RTO2012			✓		FFT on MATH1 channel
RTO2014			✓		FFT on MATH1 channel
RTO2022			✓		FFT on MATH1 channel
RTO2024			✓		FFT on MATH1 channel
RTO2032			✓		FFT on MATH1 channel
RTO2034			✓		FFT on MATH1 channel
RTO2044			✓	4.20.1.0	FFT on MATH1 channel

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Model	RS232	GPIB	Ethernet	Firmware	Notes
RTO2064			✓		FFT on MATH1 channel