Spectrum analyzer compatibility

Langer ChipScan-Scanner - interface and driver reference

Prepared for Absolute EMC customers | Checked November 16, 2026

This reference reproduces the manufacturer's current ChipScan-Scanner instrument list. It applies to the software and listed interfaces, not to a scanner's mechanical positioning range. The same reference is linked from the ICS 105, FLS 106 IC and FLS 106 PCB drafts. Basic sets omit ChipScan-Scanner; using a customer application or SDK requires its own instrument integration.

TESTED = driver marked fully tested by the manufacturer. IN TEST = driver marked in the test phase. A dash means the interface or firmware was not specified in the source; it does not prove incompatibility. Listed firmware is a reference value, not an invented minimum-version guarantee.

The manufacturer notes that firmware variations can affect operation and does not guarantee error-free performance with every firmware revision. Confirm the exact instrument, firmware, interface, software version and required functions before ordering. A supported acquisition connection does not automatically support hardcopy or tracking-generator control.

Advantest

Model	RS232	GPIB	Ethernet	Listed firmware	Model-specific notes
R3131	-	IN TEST	-	-	-
R3131A	-	TESTED	-	-	-
R3132	-	TESTED	-	-	-
R3272	-	TESTED	-	-	no hardcopy
U3741	-	TESTED	-	-	-
U3751	-	TESTED	-	-	-
U3771	-	TESTED	-	-	-
U3772	-	TESTED	-	-	-

GW Instek

Model	RS232	GPIB	Ethernet	Listed firmware	Model-specific notes
GSP9300B	-	-	TESTED	-	no hardcopy, no tracking generator
GSP9330	-	-	TESTED	V3.0.0.6	no hardcopy, no tracking generator

Agilent					
Model	**RS232**	**GPIB**	**Ethernet**	**Listed firmware**	**Model-specific notes**
E4401B	-	TESTED	-	-	ESA-E series
E4402B	-	TESTED	-	-	ESA-E series
E4403B	-	TESTED	-	-	ESA-L series
E4404B	-	TESTED	-	A.07.05	ESA-E series
E4405B	-	TESTED	-	-	ESA-E series
E4407B	-	TESTED	-	-	ESA-E series
E4408B	-	TESTED	-	-	ESA-L series
E4411B	-	TESTED	-	-	ESA-L series
E7401A	-	TESTED	-	A.02.00	EMC series
E7402A	-	TESTED	-	-	EMC series
E7403A	-	TESTED	-	-	EMC series
E7404A	-	TESTED	-	-	EMC series
E7405A	-	TESTED	-	A.14.04	EMC series
N9000A	-	TESTED	TESTED	A.07.06	CXA series
N9000B	-	TESTED	TESTED	A.20.18	CXA series
N9010A	-	TESTED	TESTED	A.14.06	EXA series
N9010B	-	TESTED	TESTED	A.19.55	EXA series
N9020A	-	TESTED	TESTED	A.10.52	MXA series
N9020B	-	TESTED	TESTED	A.25.08	MXA series
N9021B	-	IN TEST	IN TEST	-	-
N9030A	-	TESTED	TESTED	A.07.04	PXA series
N9038B	-	IN TEST	IN TEST	-	-
N9320B	-	-	TESTED	0B.03.43	no hardcopy, no preset, no uncal

Rigol

Model	RS232	GPIB	Ethernet	Listed firmware	Model-specific notes
DSA815	-	-	TESTED	00.01.19.00.02	slow data aquisition, no hardcopy

Rohde & Schwarz

Model	RS232	GPIB	Ethernet	Listed firmware	Model-specific notes
ESL3	-	-	TESTED	1.83 SP4	-
ESL6	-	-	TESTED	-	-
ESPI3	-	TESTED	-	-	no tracking generator yet
ESPI7	-	TESTED	-	4.42	no tracking generator yet
ESR3	-	TESTED	TESTED	-	no tracking generator yet
ESR7	-	TESTED	TESTED	2.27 SP1	no tracking generator yet
ESR26	-	TESTED	TESTED	-	no tracking generator yet
ESRP3	-	TESTED	TESTED	-	no tracking generator yet
ESRP7	-	TESTED	TESTED	3.66	no tracking generator yet
ESU8	-	TESTED	TESTED	4.43	hardcopy via GPIB only, no tracking generator yet
ESU26	-	TESTED	TESTED	-	hardcopy via GPIB only, no tracking generator yet
ESU40	-	TESTED	TESTED	-	hardcopy via GPIB only, no tracking generator yet
ESW8	-	TESTED	TESTED	3.10 SP1	-
ESW26	-	IN TEST	IN TEST	3.10 SP1	-
ESW44	-	IN TEST	IN TEST	3.10 SP1	-
ETL3	-	TESTED	TESTED	1.73	-
FPC1000	-	-	TESTED	V1.50	XVI via USB supported
FPC1500	-	-	TESTED	V1.70	only dBm unit can be used with tracking generator
FPL1003	-	TESTED	TESTED	1.51	-

Rohde & Schwarz					
Model	**RS232**	**GPIB**	**Ethernet**	**Listed firmware**	**Model-specific notes**
FPL1007	-	TESTED	TESTED	1.51	-
FPL1014	-	IN TEST	IN TEST	-	-
FPL1026	-	TESTED	TESTED	-	-
FSEK30	-	TESTED	-	3.40.2	-
FSH4	-	-	TESTED	-	no tracking generator
FSH8	-	-	TESTED	V2.50	no tracking generator
FSH13	-	-	TESTED	-	no tracking generator
FSL3	-	TESTED	TESTED	2.00 SP2	-
FSL6	-	TESTED	TESTED	1.80 SP1	-
FSL18	-	TESTED	TESTED	1.80 SP1	-
FSP3	-	TESTED	TESTED	-	-
FSP7	-	TESTED	TESTED	4.50	-
FSP13	-	TESTED	TESTED	2.80	-
FSP30	-	TESTED	TESTED	-	-
FSP31	-	TESTED	TESTED	-	-
FSP40	-	TESTED	TESTED	-	-
FSU3	-	TESTED	TESTED	-	no tracking generator yet
FSU8	-	TESTED	TESTED	-	no tracking generator yet
FSU26	-	TESTED	TESTED	4.37	no tracking generator yet
FSU31	-	TESTED	TESTED	-	no tracking generator yet
FSU32	-	TESTED	TESTED	-	no tracking generator yet
FSU43	-	TESTED	TESTED	-	no tracking generator yet
FSU46	-	TESTED	TESTED	-	no tracking generator yet
FSU50	-	TESTED	TESTED	-	no tracking generator yet

Rohde & Schwarz					
Model	**RS232**	**GPIB**	**Ethernet**	**Listed firmware**	**Model-specific notes**
FSU67	-	TESTED	TESTED	-	no tracking generator yet
FSUP8	-	TESTED	TESTED	-	-
FSUP26	-	TESTED	TESTED	4.37	-
FSUP50	-	TESTED	TESTED	-	-
FSV3	-	TESTED	TESTED	1.50	-
FSV7	-	TESTED	TESTED	-	-
FSV13	-	TESTED	TESTED	1.50	-
FSV30	-	TESTED	TESTED	-	-
FSV40	-	TESTED	TESTED	-	-
FSV3004	-	IN TEST	IN TEST	2.10	-
FSV3007	-	IN TEST	IN TEST	2.10	-
FSV3013	-	TESTED	TESTED	2.10	-
FSV3030	-	IN TEST	IN TEST	2.10	-
FSV3044	-	IN TEST	IN TEST	2.10	-
FSV3050	-	IN TEST	IN TEST	2.10	-
FSVA3004	-	IN TEST	IN TEST	2.10	-
FSVA3007	-	IN TEST	IN TEST	2.10	-
FSVA3013	-	IN TEST	IN TEST	2.10	-
FSVA3030	-	IN TEST	IN TEST	2.10	-
FSVA3044	-	IN TEST	IN TEST	2.10	-
FSVA3050	-	IN TEST	IN TEST	2.10	-
FSW8	-	TESTED	TESTED	4.30 SP1	-
FSW13	-	TESTED	TESTED	4.30 SP1	-
FSW26	-	TESTED	TESTED	4.30 SP1	-

Rohde & Schwarz

Model	RS232	GPIB	Ethernet	Listed firmware	Model-specific notes
FSW43	-	TESTED	TESTED	4.30 SP1	-
FSW50	-	TESTED	TESTED	4.30 SP1	-
FSW67	-	TESTED	TESTED	4.30 SP1	-
FSW85	-	TESTED	TESTED	4.30 SP1	-
HMS-X	-	-	TESTED	SW02.250	no tracking generator yet, analyzer is sometimes not recognized by the device search at the first attempt
MXO4	-	-	TESTED	-	live trace works reliably only for RBW > 100 Hz
MXO44	-	-	TESTED	1.2.3.2	live trace works reliably only for RBW > 100 Hz
RTO1002	-	-	TESTED	-	FFT on MATH1 channel
RTO1004	-	-	TESTED	-	FFT on MATH1 channel
RTO1012	-	-	TESTED	-	FFT on MATH1 channel
RTO1014	-	-	TESTED	-	FFT on MATH1 channel
RTO1022	-	-	TESTED	-	FFT on MATH1 channel
RTO1024	-	-	TESTED	2.40.1.1	FFT on MATH1 channel
RTO1044	-	-	TESTED	-	FFT on MATH1 channel

Tektronix

Model	RS232	GPIB	Ethernet	Listed firmware	Model-specific notes
RSA6106A	-	TESTED	TESTED	-	no hardcopy
RSA6114A	-	TESTED	TESTED	FV:2.1.0098	no hardcopy
RSA6120A	-	TESTED	TESTED	-	no hardcopy

Siglent

Model	RS232	GPIB	Ethernet	Listed firmware	Model-specific notes
SSA3032XR	-	-	TESTED	3.2.2.6.3R16	no hardcopy

Siglent					
Model	**RS232**	**GPIB**	**Ethernet**	**Listed firmware**	**Model-specific notes**
SSA3050XR	-	-	IN TEST	3.2.2.6.3R16	no hardcopy
SSA3075XR	-	-	IN TEST	3.2.2.6.3R16	no hardcopy

Source: Langer EMV-Technik, ChipScan-Scanner product page, Supported spectrum analyzers section; retrieved November 16, 2026. Manufacturer brand labels, model names, firmware strings and operational limitations are retained. The source uses "Agilent" for that instrument group.

Need help selecting a complete system? Absolute EMC | absolute-emc.com | info@absolute-emc.com | +1 (703) 774-7505