# A. Supported spectrum analyzers

The following lists contain all spectrum analyzers supported by ChipScan-ESA, the appropriate supported interfaces (RS232, GPIB[1], 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.

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 |
|---|---|---|---|---|---|
| N9020B | | ✓ | ✓ | A.22.08 | MXA series |

### Rigol

| Model | RS232 | GPIB | Ethernet | Firmware | Notes |
|---|---|---|---|---|---|
| DSA815 | | | ✓ | 00.01.08.00.03 | slow data aquisition |

### 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 |
| FPC1000 | | | ✓ | | VXI via USB supported |
| FSL3 | | ✓ | ✓ | 2.00 SP2 | |
| FSL6 | | ✓ | ✓ | 1.80 SP1 | |
| FSL18 | | ✓ | ✓ | 1.80 SP1 | |
| RTO1002 | | | ✓ | | FFT on MATH1 channel |

[1] NI GPIB only, Agilent GPIB not supported.

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