

# Spectragryph – optical spectroscopy software

- listing of file types & manufacturers -

file ext.	manufacturer	spectrometer	software	method/ units	data type
asp, a2r	Agilent	Cary 630	MicroLab	FTIR	binary
asf	AIT / Analect	several	several	absorbance	binary
dat	Analytik Jena	Specord	WinAspect	absorbance	ASCII, binary
sif	Andor		Solis	transmittance, reflectance, absorbance, intensity, IR, Raman, ...	binary
dsp	Ascanis		Lambda-SPX, VISIONlite	transmittance, reflectance, absorbance	ASCII, binary
trt	Avantes		Avasoft	scope	ASCII
tat	Avantes		Avasoft	absorbance	ASCII
ttt	Avantes		Avasoft	transmittance	ASCII
tit	Avantes		Avasoft	Irradiance (any unit from Watts to Candela)	ASCII
raw8	Avantes		Avasoft 8.x	scope	binary
abs8	Avantes		Avasoft 8.x	absorbance	binary
trm8	Avantes		Avasoft 8.x	transmittance	binary
rfl8	Avantes		Avasoft 8.x	reflectance	binary
irr8	Avantes		Avasoft 8.x	Irradiance (any unit from Watts to Candela)	binary
str8	Avantes		Avasoft 8.x	kinetic series	binary
asd	ASD	Fieldspec, Terraspec, ...	Terraspec	NIR/ MIR reflectance	binary
sco	ASD	Fieldspec, Terraspec, ...	Terraspec	NIR/ MIR reflectance	binary
asc	Beckman Coulter	DU 600/7000	Winconnection Suite	absorbance	ASCII
scn	Beckman Coulter	DU 600/7000	Winconnection Suite	absorbance	binary
bxt	B&W Tek		BWSpec	Raman	ASCII
csv	Bio-Rad	FTS 3000 MX	Resolution Pro	IR spectra	ASCII
0, 1, 2, 3, ...	Bruker		OPUS	FTIR, Raman	binary
dpt	Bruker		OPUS	FTIR, Raman	ASCII
wl	ColVisTec	InSpectro X		transmittance	binary
fs	Edinburgh Instruments	FLS, FSS	Fluoracle	fluorescence	binary
esp	EnSpectr		RaPort	Raman	binary
nir	FOSS		WinISI, ISIScan	NIR	binary
csv	GE / Agilent / HP	8453		absorbance	ASCII
wsd	GE/ Biochrom	Ultrospec 2100	SWIFT II	UV-VIS absorbance	binary
usd	Hitachi	U-1800/2800/3900...	UV Solutions	UV-VIS absorbance	binary
prn	Horiba		Datamax	fluorescence	ASCII
ngs	Horiba		Labspec	Raman	binary
sd	HP/ Agilent	8453	ChemStation	absorbance	binary
kd	HP/ Agilent	8453	ChemStation	absorbance kinetic series	binary
spk	IKS	XDAP		absorption	binary
jws	Jasco		Spectra Manager	absorbance, fluorescence, CD, FTIR, Raman	binary
dx, jdx	JCAMP-DX		JCAMP-DX	multiple (IUPAC standard)	ASCII
msa	MAS/ EMSA		EMSA	multiple (standard for XRF/EDS, after ISO 22029)	ASCII
asc	Milton Roy	MR3000		absorbance	ASCII
dr1, dr2,...	Nicolet	SDX		FTIR	binary
mdt	NT-MDT Spectral Instruments		Ntegra Spectra II	Raman	binary
ols	Ocean Optics		OOI LIBS	LIBS	ASCII
procspec	Ocean Optics		SpectraSuite	scope, transmittance, reflectance, absorbance	binary
sp	Perkin Elmer	LS-xxx	UVCS, CFS, UV/FL WinLab	absorption, fluorescence, FTIR, Raman	ASCII, binary
prn	Princeton Instruments		WinSpec	fluorescence	ASCII
wdf	Renishaw	inVia	WIRE 4.x	Raman	binary
spe	Roper Scientific/ Princeton Instruments		WinSpec, Lightfield	absorption, fluorescence, Raman	binary
rruff	RRUFF		RRUFF	Raman database	ASCII
csv	Scinco	Neosys 2000	Lab Pro Duo	absorbance	ASCII
spc	Shimadzu	UV-1600, UV-1800		absorption	binary
ispd	Shimadzu	IRAffinity, IRTtrace	LabSolutions	FTIR	binary
abs	StellarNet		SpectraWiz	Absorbance	ASCII
trm	StellarNet		SpectraWiz	Transmittance	ASCII
ssm	StellarNet		SpectraWiz	Scope	ASCII
irr	StellarNet		SpectraWiz	Irradiance (any unit from Watts to Candela)	ASCII
lib	StellarNet		SpectraWiz	library file for LIBS and Raman	ASCII
ep1	StellarNet		SpectraWiz	multi-spectrum "episodic" files	binary
csv	Thermo Electron	Helios Alpha		absorbance	ASCII
spc	Thermo Fisher Scientific		GRAMS/AI	transmittance, reflectance, absorbance, intensity, IR, Raman, ...	binary
abs	Thermo Mattson	Genesis, Galaxy	WinFirst	FTIR absorbance	binary
ras	Thermo Mattson	Genesis, Galaxy	WinFirst	FTIR transmittance	binary
spa	Thermo Nicolet		Omnic	FTIR, Raman	binary
lbd, lbt	Thermo Nicolet	database files	Omnic	FTIR, Raman spectral database	binary
spc	Thermo Noran	Quant'X	WinTrace	XRF	binary
asc	USGS			NIR reflectance spectral database	ASCII
csv	Varian	Cary50		transmittance, absorbance	ASCII
bsw	Varian	Cary 50, 60, 100, ...	WinUV	transmittance, absorbance	ASCII
dsw	Varian	Cary 50, 60, 100, ...	WinUV	transmittance, absorbance	ASCII
wls	VWR	UV-1600PC	M.wave professional	absorbance	ASCII
csv	WTW		photoLab spectral	absorbance	ASCII

