



**MIRION**  
TECHNOLOGIES



COMPATIBILITY GUIDE

# Probe-to-Host Instrument





**CSPS Capabilities**

**EM78466 / NOM006288**  
CSP™ PC USB Cable

**Radiagem 2000 Meter**



**EM88940 / NOM006399**  
PC USB Cable

**RDS-32 Meter**



**1233-331**  
USB PC Cable with configuration software CSW-32™ software

**Colibri Meter**



**EM87495 / NOM006384**  
PC cable for Colibri set-up  
**EM88940 / NOM006399**  
PC USB Cable for Colibri internal detector calibration

**AVIOR-2/ MIP-2 Meters**



**EM88940 / NOM006399**  
PC USB Cable

**Specific Application Software Development**



**EM89696 / NOM006406**  
CSP-PL™ Programming Libraries



	SABG-15+ GM Pancake	SPAB-15 PIPS Detector	SA-32 ZnS Scintillator	SB-32 Plastic Scintillator	SAB-32 Plastic/ZnS Phoswich	SA-100 ZnS Scintillator	SB-100 Plastic Scintillator	SAB(G)-100 Plastic/ZnS Phoswich	SAB-250 Plastic/ZnS Phoswich	SABP-525™ Plastic/ZnS Phoswich	SABS-579 Plastic/ZnS Phoswich	EASY-COUNT Silicon PIPS Detector	SG-1R NaI(Tl) Scintillator 1" x 1"	SG-2R NaI(Tl) Scintillator 2" x 2"	SX-2R NaI(Tl) Scintillator 1.5" x 3 mm	SN-S Moderated Helium 3 Tube	SN-D-2 Moderated Helium 3 Tube	SVLD Energy Compensated CsI(Tl)	STTC Energy compensated G-M Detector	TELE-STTC-2 Energy compensated G-M Detector	SVHD Silicon PIN diode
	Multi-purpose contamination probe	Alpha-Beta discrimination in high Gamma background	Contamination check in high Gamma/Neutron background	Personal Beta contamination check	Alpha/Beta discrimination for personal frisking	Large area Alpha contamination check	Large area Beta contamination check	Alpha/Beta discrimination on large contamination area and personal frisking	Large area Alpha/Beta frisking or hand counting	Alpha/Beta counting on foot	Alpha/Beta contamination control on floor	Field Alpha/Beta Smear/Filter Counter	Low dose-rate and Gamma contamination probe	Very low dose-rate and Gamma contamination probe	Low energy Gamma/X and Alpha contamination check in humid environment	Neutron presence detection	Neutron dose equivalent rate	Very low H*(10) dose equivalent rate probe for public working area checks	Wide range H*(10) dose equivalent rate to ICRP-60	Wide range H*(10) dose equivalent rate to ICRP-60	Very high dose rate probe for fuel control
Measurement Type	$\alpha \beta \gamma$	$\alpha/\beta$	$\alpha$	$\beta$	$\alpha/\beta$	$\alpha$	$\beta$	$\alpha/\beta (\gamma)$	$\alpha/\beta$	$\alpha/\beta$	$\alpha/\beta$	$\alpha/\beta$	$\gamma$	$\gamma$	$\alpha X \gamma$	n rate	n dose	$\gamma$ dose	$\gamma$ dose	$\gamma$ dose	$\gamma$ dose
	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and isotope activity equivalent	Count rate and Dose rate equivalent	Count rate and Dose rate equivalent	Count rate and isotope activity equivalent	Count rate	H*(10) Dose rate	H*(10) Dose rate	H*(10) Dose rate	H*(10) Dose rate	H*(10) Dose rate

CSPS Capabilities	Calibration & Setup	HV plateau	No	HV plateau	HV plateau	HV plateau - $\alpha/\beta$ crosstalk	HV plateau	HV plateau	HV plateau - $\alpha/\beta$ crosstalk	HV plateau - $\alpha/\beta$ crosstalk	HV plateau - $\alpha/\beta$ crosstalk	HV plateau - $\alpha/\beta$ crosstalk	HV plateau - $\alpha/\beta$ crosstalk	HV plateau - Isotope dose equivalent	HV plateau - Isotope dose equivalent	HV plateau	HV plateau	Dose coefficient	Dose coefficient	Dose coefficient	Dose coefficient	Dose coefficient	
		Activity coefficient - Alarm setpoints	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Activity coefficient - Alarm setpoint	Low energy discriminator - Alarm setpoints	Low energy discriminator - Alarm setpoints	High energy discriminator - Alarm setpoints	Alarm setpoints	Alarm setpoints	Alarm setpoints	Alarm setpoints	Alarm setpoints	Alarm setpoints
	Data-logging transfer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Acquisition	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	PC cable	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	NOM006288 / NOM007145 (RDS version)	EM78466 / NOM006288
	CSP-COM	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Minimum Firmware version	V1.1.0	V1.1.0	V1.10	V3.0.2	V3.0.3	V1.1.0	V1.1.0	V1.1.0	V3.0.5	V3.1.0.0	V3.0.2	V2.20	V2.0.0	V2.0.0	V2.0.0	V1.2.0	V2.0	V3.1.0.0	V3.0.0	V2.0	V2.0	TBD	
Radiagem 2000 Meter	Cable	Cable Set 1 + Direct connection	Cable Set 1 + Direct connection	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	N/A	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	In pole	Cable set 1	
	Minimum Firmware version	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.23	V2.28	V2.25	V2.23	V2.23	V2.23	
	Data-logging control (2)	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	N/A	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	Yes in probe memory	
	CSP-COM	No	No	No	No	No	No	No	No	No	No	No	No	N/A	No	No	No	No	No	No	No	No	No
RDS-32	Cable	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	Cable Set 2	In pole	Cable Set 2	
	Minimum Firmware version	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	V4.05.2	TBD	
Colibri	Cable	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	In pole	Cable set 1	
	Minimum Firmware version	V2.2	V2.2	V2.2	V3.0.3 Platform 1.1	V3.1.1 Platform 1.1	V2.2	V2.2	V2.2	V3.4 Platform 1.1	V3.4 Platform 1.1	V3.0.3 Platform 1.1	V3.0.1 Platform 1.1	V2.2	V2.2	V2.2	V2.0	V3.0.3 Platform 1.1	V2.6	V2.2	V2.2	TBD	
	Data-logging control	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in Colibri memory	Yes in probe memory
	CSP-COM-BT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
AVIOR-2/ MIP-2	Cable	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	Cable Set 1	N/A	Cable set 1	
	Minimum Firmware version	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.1.2	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.0.0	V1.0.0	N/A	TBD	
	Data-logging control	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	Yes in instrument memory	N/A	Yes in probe memory
	Hand/Foot mode	No	No	No	No	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	N/A	No
	CSP-COM	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	N/A	No
Specific Application Software Development	PC cable	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	EM78466 / NOM006288	NOM006288 / NOM007145 (RDS version)	EM78466 / NOM006288	
	CSP-PL SDK compatibility	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	CSP-COM-BT	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition	Acquisition	Acquisition	Acquisition	Acquisition	Acquisition	
	CSP-COM Ethernet	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition and Unit selection	Acquisition	Acquisition	Acquisition	Acquisition	Acquisition	Acquisition	

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Cable Set 1: EM77336 / NOM006282: 1.5 meter straight cable / EM77337 / NOM006283: 0.7 – 1.5 meter coil cable / EM99006 / NOM006513: 10 meter straight cable / EM98830 / NOM006512: 20 meter straight cable  
 Cable Set 2: 1233-318: 0.4 meter straight cable / 1233-319: 1.5 meter straight cable / 1233-320: 0.7 – 1.6 meter coil cable

(1) Except for Colibri-Basic version (not Bluetooth® capable)  
 (2) Requires CSPS platform to read data-logging with computer



Protect What's Next™



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