

Price list Kanardia EUR 2025

ROUND INDICATORS – INDU

Part nm.	Name	Attribute	Description	Price €
Round instruments standard size and fit: 57 mm (2.25") or 80 mm (3.15")				
20003586	Altimeter 57	(master)	Round standalone (master) altimeter with internal pressure sensors. One needle + color LCD display. Scale in feet or meters.	450
20003579	Altimeter 57	(slave)	Round slave altimeter. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the CAN bus.	350
20003616	Altimeter 80	(master)	Round standalone (master) altimeter with internal pressure sensors. Two needles + color LCD display. Scale in feet or meters.	450
20003623	Altimeter 80 (Battery)	(master, battery)	Integrated backup battery option. The backup can also handle and additional indicator – typically airspeed indicator.	550
20003609	Altimeter 80	(slave)	Round slave altimeter. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the CAN bus. Scale in feet or meters.	350
20012014	Vertical speed Indicator	(57 mm, master)	57 mm round standalone vertical speed indicator with integrated pressure sensor.	450
20011987	Vertical speed Indicator	(57 mm, slave)	57 mm round slave vertical speed indicator. Requires master altimeter or some PFD (Nesis, Emsis, Aetos or Horis) to be present on the CAN bus.	350
20011970	Vertical speed Indicator	(80 mm, master)	80 mm round standalone vertical speed indicator with integrated pressure sensor.	450
20011956	Vertical speed Indicator	(80 mm, slave)	80 mm round slave vertical speed indicator. Requires master altimeter or some PFD (Nesis, Emsis, Aetos or Horis) to be present on the CAN bus.	350
20003449	Airspeed Indicator	(57 mm, master)	57 mm round standalone (master) airspeed indicator with internal pressure sensors. [standard 320 km/h max].	450
20014162	Airspeed Indicator	(57 mm, master, OAT)	57 mm round standalone (master) airspeed indicator with internal pressure sensors and outside air temperature digital sensor. When static pressure (altitude) is present on the CAN bus, OAT sensor enables TAS as well.	500
20003463	Airspeed Indicator	(57 mm, slave)	57 mm round slave airspeed indicator. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the bus.	350
20003432	Airspeed Indicator	(80 mm, master)	80 mm round standalone (master) airspeed indicator with internal pressure sensors. [standard 320 km/h max].	450
20003401	Airspeed Indicator	(80 mm, master, OAT)	80 mm round standalone (master) airspeed indicator with internal pressure sensors and outside air temperature digital sensor. When static pressure (altitude) is present on the CAN bus, OAT sensor enables TAS as well.	500
20003371	Airspeed Indicator	(80 mm, slave)	80 mm round slave airspeed indicator. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the bus.	350
20005221	Combo	(57 mm, master)	57 mm combined instrument: IAS, altitude, vertical speed indicator. You need to specify arc colors at the time of order.	550
20005214	Combo	(57 mm, slave)	57 mm round slave Combo indicator. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the bus. You need to specify arc colors at the time of order.	350
20005207	Combo	(80 mm, master)	80 mm combined instrument: IAS, altitude, vertical speed indicator. You need to specify arc colors at the time of order.	550
20005191	Combo	(80 mm, slave)	80 mm round slave Combo indicator. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the bus. You need to specify arc colors at the time of order.	350
20014001	G-meter	(57 mm, master)	57 mm round standalone G meter indicator.	450
20006747	G-meter	(57 mm, slave)	57 mm round slave G meter indicator. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the bus.	350
20006761	G-meter	(80 mm, master)	80 mm round standalone G meter indicator.	450
20014179	G-meter	(80 mm, slave)	80 mm round slave G meter indicator. Requires some PFD (Nesis, Emsis, Aetos or Horis) to be present on the bus.	350
20011697	Tachometer	(57 mm, master)	57 mm round standalone RPM indicator.	370
20011765	Tachometer	(57 mm, slave)	57 mm round slave RPM indicator. Requires EMS to be present on the CAN bus.	350
20011727	Tachometer	(80 mm, master)	80 mm round standalone RPM indicator.	370
20011703	Tachometer	(80 mm, slave)	80 mm round slave RPM indicator. Requires EMS to be present on the CAN bus.	350

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Price list Kanardia EUR 2025

DIGI				
Part num.	Name	Atribute	Description	Price €
Affordable display and EMS				
20006020	DIGI	(master)	Engine monitoring display (with internal memory). Requires EMS to be present on the CAN bus.	550
20006013	DIGI	(slave)	Slave engine monitoring display (no internal memory). Requires EMS to be present on the CAN bus.	550
20006273	EMS*	(Classic Daqu)	Daqu engine monitoring system unit for all carbureted engines up to 6 cylinders.	480
20006259	EMS*	(Mini Daqu)	Mini Daqu engine monitoring system unit for modern engines with ECU such as Rotax 912iS, 915iS, UL power, MW-fly.	480
20006327	EMS*	(Daqu ECU)	Daqu ECU engine monitoring system unit for modern engines with ECU, when additional measuring points are needed.	480

HORIS				
Part num.	Name	Atribute	Description	Price €
AD-AHRS electronic device for standard 57 / 80 mm cutout				
20006990	HORIS PFD	(57 mm)	HORIS – standalone unit with integrated sensors, 57 mm (2.25") panel hole diameter. Includes internal AD-AHRS module, GPS antenna, OAT probe.	1150
20007034	HORIS PFD	(57 mm, battery)	Horis 57 standalone unit with integrated backup battery option.	1250
20006983	HORIS PFD	(80 mm)	HORIS – standalone unit with integrated sensors, 80 mm (3.15") panel hole diameter. Includes internal AD-AHRS module, GPS antenna, OAT probe.	1150
20013592	HORIS PFD	(80 mm, battery)	Horis 80 standalone unit with integrated backup battery option.	1250
20007096	HORIS slave	(57 mm)	Horis – slave unit, 57 mm	610
20014018	HORIS slave	(57 mm, battery)	Horis 57 slave unit with integrated backup battery option.	710
20007126	HORIS slave	(80 mm)	Horis – slave unit, 80 mm	610
20013608	HORIS slave	(80 mm, battery)	Horis 80 slave unit with integrated backup battery option.	710

EM SIS				
Part num.	Name	Atribute	Description	Price €
Emsis can be used as PFD (primary flight display) or as EMS (engine monitoring system).				
20006556	Emsis 80	(AHRS)	Emsis PFD unit with integrated sensors, 80 mm (3.15") panel hole diameter. Includes internal AD-AHRS module, GPS antenna, OAT probe.	1250
20013912	Emsis 80	(no AHRS)	Emsis slave unit, 80 mm (3.15") panel hole diameter. It requires Nesis, Aetos, Horis, Emsis PFD or EMS to be present on the bus (depending on the unit purpose.)	710
20006501	Emsis 35	(AHRS)	Emsis PFD unit with integrated sensors, 3.5" panel hole diameter (larger than 80 mm version). Includes internal AD-AHRS module, GPS antenna, OAT probe.	1330
20006495	Emsis 35	(no AHRS)	Emsis slave unit, 3.5" panel hole diameter (larger than 80 mm version). It requires Nesis, Aetos, Horis, Emsis PFD or Daqu to be present on the bus (depending on the unit purpose.)	790
20006273	EMS*	(Classic Daqu)	Daqu engine monitoring system unit for all carbureted engines up to 6 cylinders.	480
20006259	EMS*	(Mini Daqu)	Mini Daqu engine monitoring system unit for modern engines with ECU such as Rotax 912iS, 915iS, UL power, MW-fly.	480
20006327	EMS*	(Daqu ECU)	Daqu ECU engine monitoring system unit for modern engines with ECU, when additional measuring points are needed.	480

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AETOS				
Part num.	Name	Atribute	Description	Price €
Aetos Engine sensors are not included in this kits.				
20003289	Aetos PFD	(AHRS)	Aetos PFD – screen size 7.0" Aetos comes with integrated AHRS and GPS unit, GPS antenna, OAT probe, cables, accessories. It requires EMS to be present on the bus to display engine parameters.	2410
20003296	Aetos Slave	(no AHRS)	Aetos as slave display unit – screen size 7.0"	1520
20006273	EMS*	(Classic Daqu)	Daqu engine monitoring system unit for all carbureted engines up to 6 cylinders.	480
20006259	EMS*	(Mini Daqu)	Mini Daqu engine monitoring system unit for modern engines with ECU such as Rotax 912iS, 915iS, UL power, MW-fly.	480
20006327	EMS*	(Daqu ECU)	Daqu ECU engine monitoring system unit for modern engines with ECU, when additional measuring points are needed.	480

NESIS				
Part num.	Name	Atribute	Description	Price €
Nesis Engine sensors are not included in this kits.				
20009021	Nesis III-ae PFD	(size 7", AHRS)	Nesis 7 PFD – screen size 7.0" Nesis comes with integrated AHRS and GPS unit, GPS antenna, OAT probe, cables, accessories. It requires EMS to be present on the bus to display engine parameters.	3710
20009007	Nesis III-ae PFD	(size 8.4", AHRS)	Nesis 8.4 PFD – screen size 8.4" Nesis comes with integrated AHRS and GPS unit, GPS antenna, OAT probe, cables, accessories. It requires EMS to be present on the bus to display engine parameters.	4140
20009083	Nesis III-ae slave	(size 7", no AHRS)	NESIS 7" Slave unit	2220
20009076	Nesis III-ae slave	(size 8.4", no AHRS)	NESIS 8.4" Slave unit	2650
20006273	EMS*	(Classic Daqu)	Daqu engine monitoring system unit for all carbureted engines up to 6 cylinders.	480
20006259	EMS*	(Mini Daqu)	Mini Daqu engine monitoring system unit for modern engines with ECU such as Rotax 912iS, 915iS, UL power, MW-fly.	480
20006327	EMS*	(Daqu ECU)	Daqu ECU engine monitoring system unit for modern engines with ECU, when additional measuring points are needed.	480

Additional units				
Part num.	Name	Atribute	Description	Price €
Optional units for Aetos/ Nesis instruments				
20003739	Amigo	(vertical)	Vertical autopilot panel for direct access to Autopilot functions.	750
20003722	Amigo	(horizontal)	Horizontal autopilot panel for direct access to Autopilot functions.	750
20019358	Seru II		Adds autopilot function for one axis, 8 Nm	790
20008680	Magu	(Nose)	Electronic magnetic compass. Adds wind indication and true heading. Nose installation	450
20008697	Magu	(Tail)	Electronic magnetic compass. Adds wind indication and true heading. Tail installation	450
20004217	Boxi		BOXI controller for pitch and roll electrical trims, radio transmission.	200
20008413	Joyu		JOYU handle adds remote control capability to your Nesis, Aetos or Emsis. In connection with Boxi it enables trim control.	350

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UPS				
Part num.	Name	Atribute	Description	Price €
External backup battery kit				
20002770	UPS-L		External backup Li-ION battery with integrated electronics + double pole switch. Max current 350 mA. Suitable for Indu, Digi, Horis.	200
20002787	UPS-U		External backup lead 1.2 Ah battery + electronics + double pole switch. Max current 2 A. Suitable for Nesis, Aetos	200

ACCESSORIES				
Part num.	Name	Atribute	Description	Price €
Various accessories				
20000424	BLU		CAN bus to bluetooth interface. Essential tool for Horis, Digi and Indu instruments. Allows software updates and some configuration. Requires Android device with Android version 4.4 or above.	75
20006068	LUMIS		Brightness control unit	150

CHARTS				
Part num.	Name	Atribute	Description	Price €
Raster charts				
20005788	C-DFS-D	(Germany)	Visual 500 Germany	89
20005856	C-DFS-NL	(Netherlands)	Visual 500 Netherlands	49
20005832	C-DFS-DK	(Denmark)	Visual 500 Denmark	49
20005894	C-DFS-CH	(Swiss)	Visual 500 Swiss	49
20005771	C-DFS-A	(Austria)	Visual 500 Austria	49
20005849	C-DFS-F (NE)	(France)	Visual 500 France, North East part only	49
20005795	C-DFS-B	(Belgium)	Visual 500 Belgium	49
20005863	C-DFS-P	(Poland)	Visual 500 Poland NW + W	49
20005818	C-DFS-CZ	(Czech Republic)	Visual 500 Czech Republic	49
20005801	C-DFS-CR	(Croatia)	Visual 500 Croatia	49
20014025	C-DFS-HU	(Hungary)	Visual 500 Hungary	49
20005887	C-DFS-SP	(Spain)	Visual 500 Spain	49
20005870	C-DFS-PT	(Portugal)	Visual 500 Portugal	49
20005825	C-DFS-IT	(Italy)	Visual 500 Italy	49
20005900	C-DFS-All		Complete set of all DFS raster charts	239
20000646	C-USR-DIG		User provided digital map source. Geo-referencing and converting.	40
20000653	C-USR-PAP		User provided paper map source. Scanning, geo-referencing and converting.	80

CABLES				
Part num.	Name	Atribute	Description	Price €
Cables				
20000561	C-PWR		Power supply cable	5
20000578	C-PWR-2		Power supply cable v2	5
20002220	C-RR		CAN cable RJ45 connector on both sides. Random length.	20
20004705	C-RB		CAN cable RJ45 connector on one side, Binder (round 5 pole) on the other.	20
20000585	T-CAN		T-CAN, T junction – three RJ45 connections.	25
20000608	C-TP		CAN terminator plug	3
20002275	C-AUD		Audio cable.	5

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<i>SENSORS</i>				
Part num.	Name	Atribute	Description	Price €
Sensors & small accessories				
20014445	S-CR12	(12 mm)	Thermocouple (type J), 12mm ring – (Jabiru).	50
20014452	S-CR14	(14 mm)	Thermocouple (type J), 14mm ring	50
20014469	S-CR18	(18 mm)	Thermocouple (type J), 18mm ring	50
20002329	S-CBLY		Thermocouple adjustable bayonet (type J), 3/8"-24, tip 2 1/2" x 3/16" – (Lycoming).	70
20010492	S-ESRTX		Thermocouple (type K), insulated, M8x1 screw type – (Rotax).	50
20010461	S-EGT-HC-20	(Clamp size: 18-32)	Thermocouple (type K), hose clamp 3/4 - 1 3/4" – (Rotax).	50
20010478	S-EGT-HC-25	(Clamp size: 21-44)	Thermocouple (type K), hose clamp 1/4 - 1 1/4" – (Jabiru).	50
20010485	S-EGT-HC-40	(Clamp size: 40-63)	Thermocouple (type K), hose clamp 1/2 – 2" – (Lycoming).	50
20010676	S-TVDO	(1/8-27 NPT)	Oil or water temperature probe VDO (0 to 150 °C), 1/8-27 NPT – (Rotax, Jabiru).	50
20010669	S-TVDO	(M10*1.5)	Oil or water temperature probe VDO (0 to 150 °C), M10x1.5 – (Rotax).	50
20002343	S-OWLYC		Oil temperature (100-150 °F), 5/8-18 UNF – (Lycoming).	50
20010515	S-OAT		Outside air temperature digital sensor 1,5m.	50
20002312	S-CAT		Carburetor temperature sensor NPT, (thread 1/4 x 28").	70
20010300	S-PR-150	(150 psi)	Active pressure sensor (0 to 10 bar), 1/8-27 NPT – (all engines).	200
20010294	S-PR-15	(15 psi)	Active pressure sensor (0 to 15 psi), 1/8-27 NPT – (all engines).	200
20010331		1.0 Bar	Sensor pressure Manifold	90
20010348		2.5 Bar	Sensor pressure Manifold	90
20010355		3.0 Bar	Sensor pressure Manifold	90
20011598	S-FFIT8	(8 mm)	Fuel pressure sensor fitting – 8 mm hose.	25
20011581	S-FFIT6	(6 mm)	Fuel pressure sensor fitting – 6 mm hose.	25
20002367	S-ROTOR		Rotor RPM – proximity sensor, 12-24V.	70
20010263	S-FT60		Fuel flow transducer (red cube)	280
20014537	Sensor current Hall	30 A	For currents up to +/-30 A.	60
20014544	Sensor current Hall	60 A	For currents up to +/-60 A.	60
20014520	Sensor current Hall	100 A	For currents up to +/-100 A.	60
20003814	C-GPS		GPS antenna + standard length cable.	20

<i>SERVICES</i>				
Part num.	Name	Atribute	Description	Price €
Various services				
20009984	SCALE REPLAC.	INDU	Custom scale replacement for indicator (Altimeter excluded)	120
20014032	SCALE REPLAC.	Altimeter	Custom scale replacement for Altimeter	160
20008543	LCD REPLAC.	Indu	LCD replacement (Indu)	120
20008536	LCD REPLAC.	Horis	LCD replacement (Horis)	120
	LCD REPLAC.		LCD replacement (Horis 57 (old model))	700
20015343	LCD REPLAC.	Nesis / Aetos	LCD replacement (Nesis / Aetos)	500
20014049	AIRU REPLAC.		AD-AHRS module replacement	350
20002510	SERVICE		Various instrument repairs – working hour	80
20001148	EMSIS LAYOUT		Emsis layout programming – working hour	100
20014056	PROGRAMMING		Programming custom features – working hour	120
20012434	NESIS UPGRADE		Nesis upgrade program (price individually calculated)	n/a

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