

Bord Computer BC 3329



display, calculate and log easily your instantaneous fuel consumption data, cumulative measured values as well as speed/ distance and lap routine. On-board vehicle and large LCD display with a top intuitive handling.

800
Instructor

900
VERITAS®

1200
Full Master

4000
VERITAS®

5000
Fuel Master

6000
Swissline

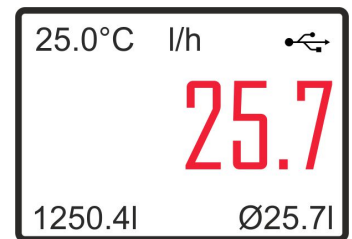
8000
Big Brother

Pulse Box

Board
Computer

The Board Computer BC 3329 is the new 4 screen LCD digital display for all AIC sensors. This features the following display possibilities:

- View instantaneous fuel consumption
- Average fuel consumption (3 decimals)
- Fuel consumption accumulation
- Travel time
- Lap routine for later calculations of the individual lap characteristic
- Travel speed average, if a speed sensor is connected
- Distance and lap travelled
- Trip hours
- Reading in metric or imperial units
- Power supply 9-30VAC or 20-28 VAC/DC and optional 253VAC/DC
- Easy to use USB w logger, USB memory stick included
- Easy control with start, stop logs and reset functions
- All settings are stored and will not be lost in the event of power failure
- Languages: English, German, French, Spanish and Portuguese



Two separate counters are permanently displaying and recording data for each of the selected value, such as fuel cumulative, distance cumulative and travel time. These data and as well as others are collected in Metric or in US units and continuously recorded onto a USB memory stick if connected and activated. NO additional software package is required, as you can import the CSV file directly to your spreadsheet and the data can be further processed.

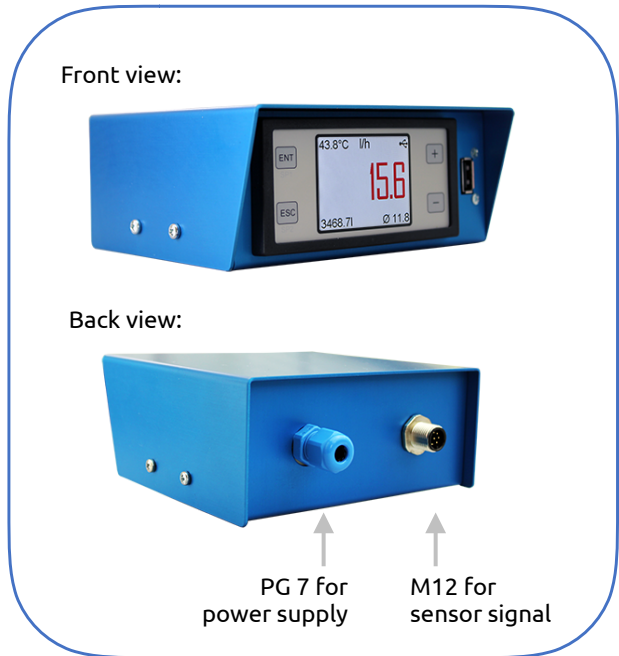
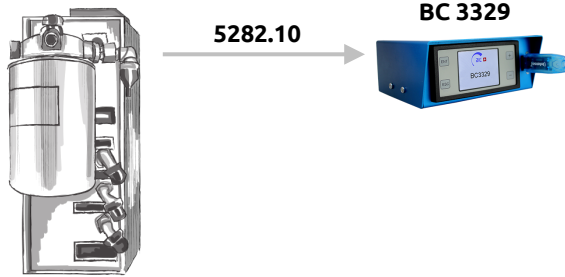
Applications:

- R&D testing: vehicle fuel consumption monitoring for medium and large trucks, buses, construction, demolition and agriculture machines
- Diesel electrical generator
- Fleet management applications

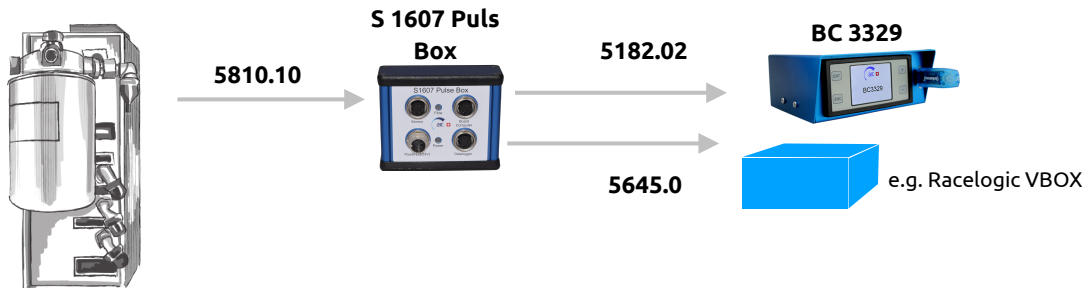
Features and benefits:

- Together with the fuel measuring sensor you are reaching the highest accuracy for monitoring your vehicle consumption either for testing, billing application or fleet management.
- Data easily retrievable via a FAT 32 formatted USB key stick
- Robust housing for shock protection

Typical 6000 Installation



Typical system setup with pulse box for third party connection



Example of the CSV log file no third party conversion software required, just import into your spread sheet or data base application. LOG file on a PC screen:

Type:		BC3329								
Ser.#:		131								
FW Ver:		9.5								
PPL:		2000								
PPkm:		175								
Date:	Time:	current Consumption:	Temperature:	total Consumption:	Ø Consumption:	Speed:	Ø Speed:	ODO:		
22.5.19	07:57:09	149.6 l/h	40.5 °C	25033.7 l	148.6 l/h	2 km/h	1.7 km/h	11234 km		
22.5.19	07:57:11	149.2 l/h	40.6 °C	25033.7 l	148.6 l/h	2 km/h	1.7 km/h	11234 km		
22.5.19	07:57:13	148 l/h	40.6 °C	25033.8 l	148.6 l/h	3 km/h	1.7 km/h	11234 km		
22.5.19	07:57:15	148.5 l/h	40.5 °C	25033.9 l	148.6 l/h	4 km/h	1.7 km/h	11234 km		
22.5.19	07:57:17	148 l/h	40.5 °C	25034 l	148.6 l/h	6 km/h	1.7 km/h	11234 km		
22.5.19	07:57:19	149.1 l/h	40.5 °C	25034.1 l	148.6 l/h	8 km/h	1.7 km/h	11234 km		
22.5.19	07:57:21	147.9 l/h	40.5 °C	25034.2 l	148.6 l/h	10 km/h	1.7 km/h	11234 km		
22.5.19	07:57:23	145.9 l/h	40.5 °C	25034.2 l	148.6 l/h	12 km/h	1.7 km/h	11234 km		
22.5.19	07:57:27	145.9 l/h	40.5 °C	25034.3 l	148.6 l/h	10 km/h	1.7 km/h	11234 km		
22.5.19	07:57:29	149.9 l/h	40.5 °C	25034.5 l	148.6 l/h	10 km/h	1.7 km/h	11234 km		
22.5.19	07:57:31	147.6 l/h	40.5 °C	25034.6 l	148.6 l/h	10 km/h	1.7 km/h	11234 km		
22.5.19	07:57:33	150.2 l/h	40.3 °C	25034.7 l	148.6 l/h	10 km/h	1.7 km/h	11234 km		
22.5.19	07:57:35	149.5 l/h	40.3 °C	25034.7 l	148.6 l/h	10 km/h	1.7 km/h	11234 km		
22.5.19	07:57:37	147.6 l/h	40.4 °C	25034.8 l	148.6 l/h	10 km/h	1.7 km/h	11234 km		
22.5.19	07:57:39	146.6 l/h	40.4 °C	25034.9 l	148.6 l/h	10 km/h	1.7 km/h	11234 km		
22.5.19	07:57:41	148 l/h	40.4 °C	25035 l	148.6 l/h	10 km/h	1.7 km/h	11234 km		
22.5.19	07:57:43	145.2 l/h	40.4 °C	25035.1 l	148.6 l/h	10 km/h	1.7 km/h	11234 km		

Technical data

BC 3329 Board Computer

	Manufacturer	AIC SYSTEMS AG
	Dimension	127 x 130 x 56 mm / 5" x 5.1" x 2.2"
	Display	LCD (UV resistant), 4 screens lines, various characters, symbols and units
	Keyboard	Micro-switch push-button (UV-resistant keypad)
	Working temperature range	-5°C to +80°C (23 to 176° F)
	Housing	2 mm coated aluminum
	IP	32
	Maximum humidity:	95%, non-condensing
	Certification	EMC certified according to EN 52121-3-2:2006
Power	Supply voltage	9 to 30 VAC 20 to 28 VAC/DC Optimal 20 to 253 VAC/DC
	Stand-by With back light Current consumption with sensor max. Sensor voltage supply U out I max.	— 150 mA 200 mA 15 VDC 25 mA
Input	Power supply load:	4.5W to 7.0W at 230VAC
	Distance speed pulse input Back light, main contact on	2x NPN puls input
	Possible range ppKm Input tension U low U high	100 - 30000 < 0.5 V > 3.5 V
	Input current Frequency f max.	< 1 mA > 2.5 kHz (max. speed displayed 299.9 km/h)
	Fuel speed pulse input Back light, main contact on)	
Possible range ppl Input tension U low U high	30 - 9999 < 1.5 V > 3.5 V	
Input current Frequency (50% duty cycle) f max.	Approx. 2 mA < 1 kHz	
Language	Languages	English, German, French, Spanish, Portuguese
	CE-conformity:	Fulfilled
	Mounting terminals:	Plug-in screw terminals
	Weight:	About 200g
	Warranty:	1 year

Three different models to choose from:

The Board Computer BC3329 Display has input for Flow, Speed sensors only. All measured values can be easily seen and protocolled off the large display.

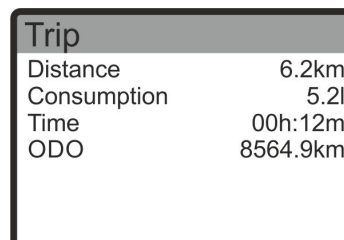
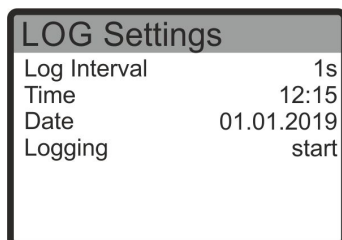
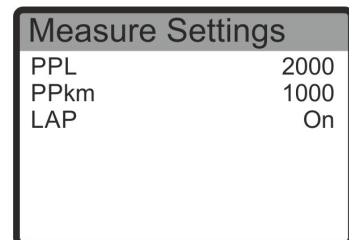
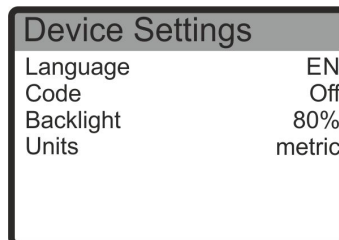
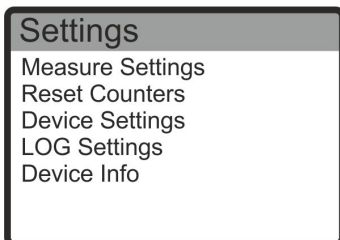
The Board Computer BC3329 LOG has in addition the manual input for lap routine. All measured values can be easily seen and protocolled off the large display and are logged on the USB stick in CVS format.

On the Board Computer BC3329 NEMO has in addition input for temperature and density. All measured values can be easily seen and protocolled off the large display and are logged on the USB stick in CVS format. For further use the mass calculation with manual density (according to DIN 51757).

Ordering Structure

Description	Oder code
Bord Computer BC 3329 NEMO for 20-28VAC/DC	3329.01
Bord Computer BC 3329 LOG for 20-28VAC/DC	3329.02
Bord Computer BC 3329 Display for 20-28VAC	3329.03
12V Option for 09-30VAC/DC	3329.xx.12
Bord Computer BC 3329 for 20-253VAC/DC	On request

Intuitive and easy to read, modify and navigate through the different screens:



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