



2022

# SEAT Ibiza

1.0 TSI 81 kW petrol FWD automatic



5.8   
/10

Clean Air  
Index

5.1   
/10

Energy Efficiency  
Index

3.7   
/10

Greenhouse Gas  
Index

5.8  
/10



## Clean Air Tests



### Laboratory Test

NMHC

NO<sub>x</sub>

NH<sub>3</sub>

CO

PN

6.5/10 Cold Test



9.1/10 Warm Test



0.0/10 Highway



Cold Ambient Test

Does not qualify for additional robustness testing



### Road Test

8.1/10 On-Road Drive



2.6/5 On-Road Short Trip



On-Road Heavy Load

Does not qualify for additional robustness testing

On-Road Light Load

Does not qualify for additional robustness testing

Congestion

Does not qualify for additional robustness testing



n.a.



good



adequate



marginal



weak



poor

### Comments

The Ibiza impresses with incredibly low particle emissions, especially for a direct injection petrol engine. In a couple of tests, the values even come close to Green NCAP's lower threshold and demonstrate how well the particulate filter is working. Pollutants control is generally good, but unfortunately an excess of carbon monoxide in the BAB130 cycle sets the Highway test score to zero. Here, the high power demand acceleration phases push the emissions of CO and ammonia (NH<sub>3</sub>) above the upper thresholds and the emissions control loses robustness.

# Energy Efficiency Tests



## Laboratory Test

## Energy

**5.4/10** Cold Test



**5.9/10** Warm Test



**4.2/10** Highway



Cold Ambient Test

Does not qualify for additional robustness testing

## Consumption

## Driving Range

**Average**

**6.2** l/100 km

**646** km

**Worst-case**

**7.0** l/100 km

**573** km



n.a.



good



adequate



marginal



weak



poor











## Comments

The SEAT's fuel consumption values represent standard figures for petrol vehicles of that size and mass. In the Cold laboratory test at 23°C and cold engine start, 6 liters are needed per 100 km. In the Highway test, the value increases to 7l/100 km, similar to the measured value for the standard on-road drive. Short urban trips would, however, require more than 9l/100 km.

With 5.1/10, the vehicle's Energy Efficiency Index does not hold any surprises.

# 3.7 Greenhouse Gases Tests

/10

 <u>Greenhouse gases</u>	CO <sub>2</sub>	N <sub>2</sub> O	CH <sub>4</sub>
<b>4.0/10</b> Cold Test			
<b>4.7/10</b> Warm Test			
<b>2.6/10</b> Highway			

Cold Ambient Test

Does not qualify for additional robustness testing



n.a.



good



adequate



marginal



weak



poor

## Comments

The Greenhouse Gas Index is based on a Well-to-Wheel+ approach. The test vehicle emits about 130 g CO<sub>2</sub>/km in the Cold and Warm laboratory WLTC+ tests and closely matches the value declared by the manufacturer. 156 g CO<sub>2</sub>/km are emitted on the tailpipe in the BAB130 Highway test. With upstream greenhouse gas emissions of around 35 - 40 g CO<sub>2</sub>-eq./km on top, these figures lead to a mediocre result of 3.7/10. The emissions of N<sub>2</sub>O and CH<sub>4</sub> are barely measurable and grant the vehicle bonus points for robust control.

## Our Verdict

The new SEAT Ibiza, equipped with a 1liter direct injection turbo engine, demonstrates what is possible in terms of control of pollutants output and impresses with very low particle emissions. However, the vehicle lacks robustness under more challenging conditions, and that leaves the car with what is an average result for the Clean Air Index. Measures to increase robustness would boost the car's score. In terms of energy efficiency, the SEAT delivers standard values and leaves room for improvement. Directly coupled to the consumption figures is the Greenhouse Gas index, which is additionally pushed down by the upstream greenhouse gas emissions associated with petrol fuel production. On the plus side, the emissions of the strong greenhouse gases N<sub>2</sub>O (laughing gas) and CH<sub>4</sub> (methane) are fairly low. The Ibiza scores total 4.8 out of 10 points and receives 2½ Green stars.

## Disclaimer [↗](#)

## Specifications

Publication Date 10 2022	Tested Car VSSZZKJZNR03xxx	Tyres 215/40R1889WXL	Emissions Class Euro 6d AP
Mass 1,153 kg	Engine Size 999 cc	Power/Torque 81 kW/200 Nm	Declared CO <sub>2</sub> 133 g/km
Declared Battery Capacity n.a.	Declared Driving Range n.a.	Declared Consumption 5.8l/100 km	



Think before you print