

2D Data recording for Honda NSF250R



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The Ultimate in Sensors,
Measurement and
Data Acquisition.

PO2: 95.0%	FE3: 95.0%
Te: 37.5°C	221 km/h
FL12: 0.0m	FR20: 0.0m
FR23: 0.0m	SL: +3.0m
PF: 73.0bar	PS: 53.0bar
221 km/h	221 km/h

2D Data recording for Honda NSF250R

- 2D has developed a new datarecording set for the Honda NSF250R.
- In this leaflet you will find a base set of datarecording to start with.
- Also included are these parts that can be used when racing in the European Talent Cup class, at the FIM JuniorGP
- Plug&Play installation: the set comes with a ready made wiring loom for the Honda NSF250R and fits directly to the bike's data connector.
- Easy expanding; the wiring loom is made to accept our optional sensors. See page 4
- Cost effective: Start price is 2090.- (exc. Vat)



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PO2: 9bar	RF3: 9bar
Te: 575°C	221km/h
F1: 12: 0bar	RF2: 9bar
RF23: 0bar	SL: 43: 0bar
RF6: 70: 9bar	SL: 0bar
221km/h	221km/h

2D Data recording for Honda NSF250R

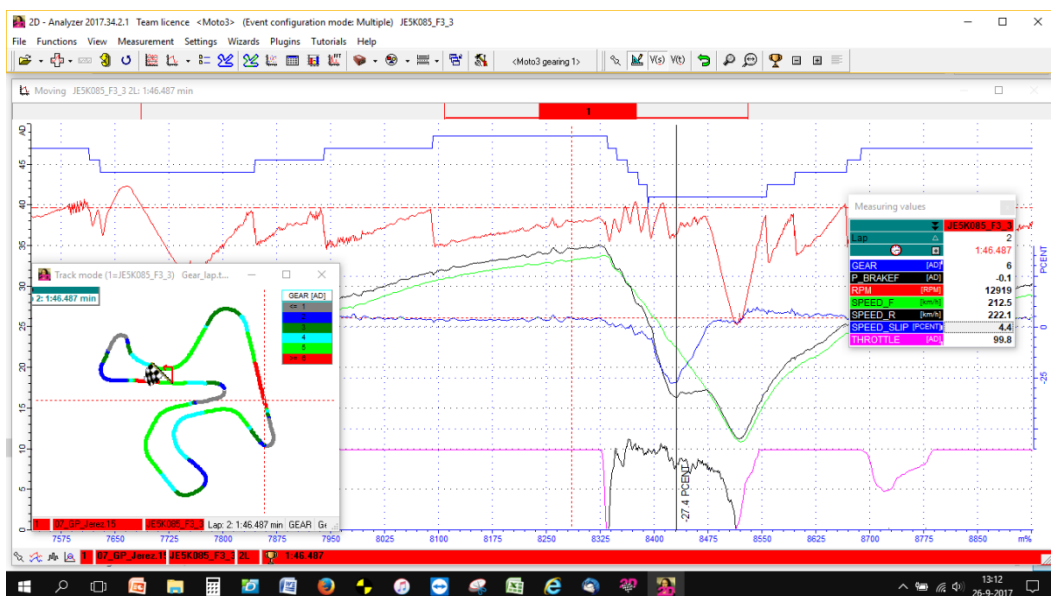
SY-KIT_Moto3_STD

2090.- Euro excl. Vat.

- USB Sticklogger
- Lambda / Sensor module
- GPS antenna
- Front and Rear suspension sensors
- Rear speed sensor
- Plug&Play connection loom
- 2D KIT Set-Up & Analyse Software

Channel information coming from SY-KIT Moto3 STD:

- Engine RPM
- Throttle position
- Rearwheel speed
- GPS Speed and track position, laptiming
- Front & Rear suspension, average susp. position, midcorner susp. position, min/max suspension rapports etc.
- Temperature motor



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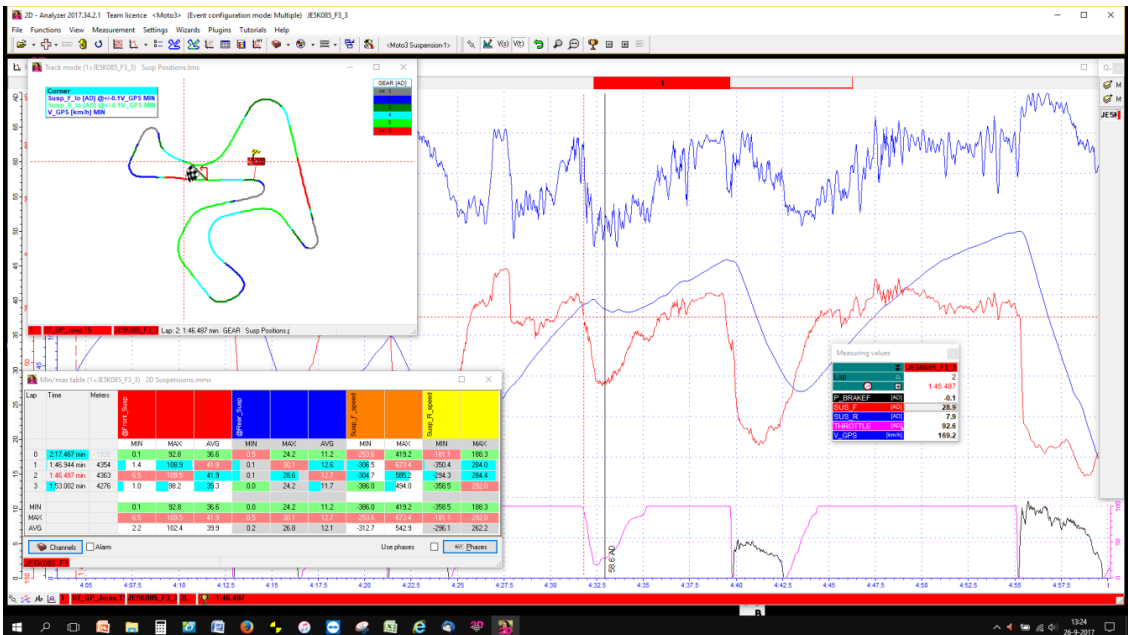
Optional parts for SY-KIT_Moto3_STD

options within the rules of the ETC

Euro excl. vat.

- MiniDash, for laptimes, shift LED's 440.00 (324.50)
- Brake pressure sensor (front and / or rear) 440.00 (385.00)
- Speedsensor front wheel 110.00
To measure wheel spin, wheel lockup, engine brake, clutch functioning, wheely.
- Lambda sensor (attention: Battery needed on stock NSF250R) 165.00
MotoGP quality A/F measurement for accurate mapping
- Water temperature sensor 110.00
High Quality GPS antenna 550.00
For extra accurate real speed and track position
- KITMoto Analyse Software 800.00
Easy and fast data analyse by using multiple templates
- Full licene Analyse Software 1500.00
MotoGP level data analyse, fast and with total freedom of choice

Attention: the price in (*) are the prices in combination with the SY-KIT Moto3 STD set order.



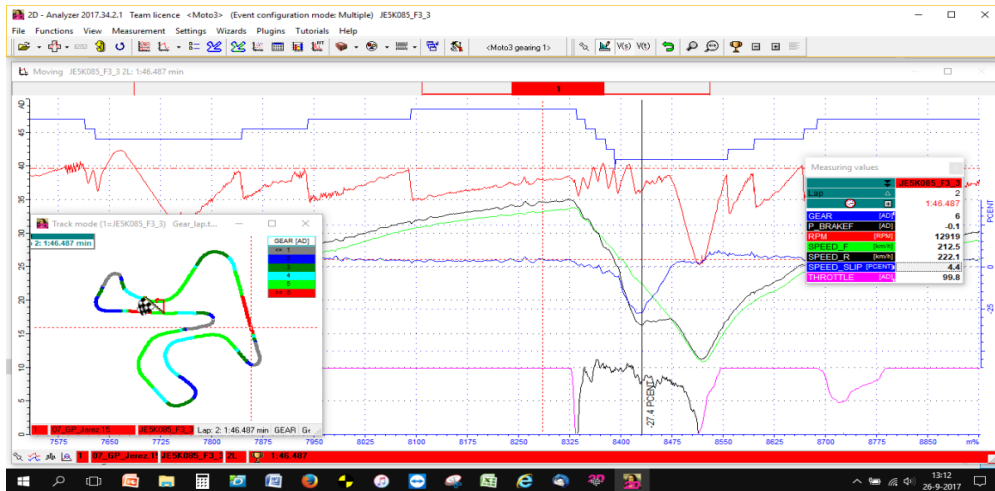
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Optional parts for SY-KIT_Moto3_STD

options not within the rules of the ETC

Euro excl. vat.

- MidiDash 1089.00
- BigDash 1639.00
- Clutch lever sensor, For measure the movement of the clutch lever itself. 264.00



2D Data recording for Honda NSF250R

Measuring engine coolant temperature on the Honda NSF250R

Here we explain how to measure the coolant temperature on the Honda NSF250R. It is assumed you have the 2D datarecording set and wiring loom that are designed for use on this bike.

The recommended way to measure the coolant temperature on this bike is fitting a 2D temperature sensor onto the cooling system of the bike.

When you fit the additional 2D temperature sensor (part nr SA-NTCM6-000) to the bike, you have to connect it to the T-Mot connector from the 2D datarecorder wiring loom.

After that, check that the calibration table inside the 2D NSF250R Module for this channel is Ntc_2D.tbl that is already inside the folder "tables" from the logger.

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How to connect the 2D wiring loom to the Honda NSF250R

On the subframe under the seat of the bike is Sumitomo 4 PF connector. This is the connector that provides the data recording with Power , Ground , Throttle and RPM data.

On the 2D wiring loom for the Honda NSF250R is a Sumitomo 4PM connector that will fit into it.

Pinning on loomside (Honda loom pinning):

- 1 Power = Black (Attention: a battery is needed when using the Lambda sensor)
- 2 Ground = Green
- 3 Throttle = Yellow / Green
- 4 RPM = Bleu

Pinning on 2D loom connector side:

- 1 Vbat = Red
- 2 RPM = Green
- 3 BGND = Black
- 4 TPS = Yellow



Contact:
mail@2d-datarecording.com
bomba@2d-datarecording.com
info@csrmotorsport.com