

NEW

03/2021

19/01/2021

WHEEL BALANCERS



SUBJECT: NEW BALANCING SHAFT ASSEMBLY - NEA 2ND GENERATION

Nexion Group constantly invests in strategies aimed at ensuring the continuous improvement of its products.

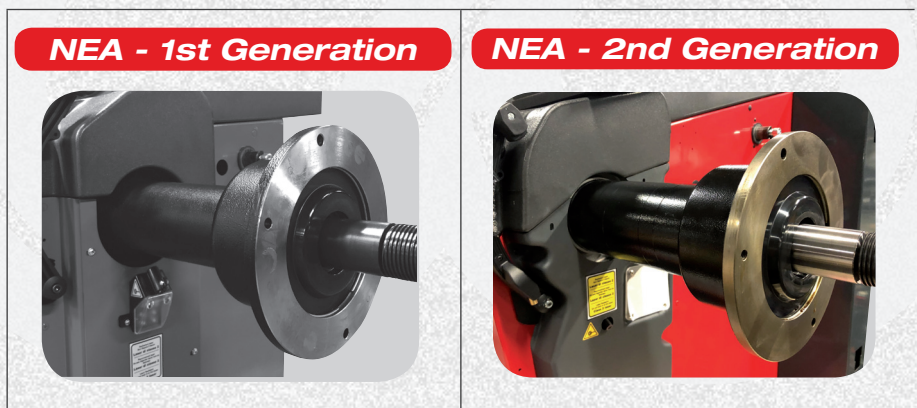
We're pleased to inform you that the integration of the new **NEA 2nd Generation** imbalance measurement system on the entire range of off-the-vehicle wheel balancers for cars, motorcycles and light duty vehicles will be completed in March of 2021.

While the appearance of the new **NEA 2** system is comparable to the previous model, its construction has been entirely revamped and redefined in order to eliminate the critical processing and assembly areas, thus making the production process much more reliable and efficient than that of its predecessor, while at the same time minimising waste production and guaranteeing even higher performance levels for our customers in terms of:

- Precision
- Repeatability
- Quality
- Efficiency

All the centring accessories remain fully compatible, and the new measurement system's perfect interchangeability is even guaranteed on the older generation wheel balancers.

Several differences between the two systems are listed below:



	NEA - 1st Generation	NEA - 2nd Generation
Max wheel weight [kg / lb]	75	85 (+14%)
External body	Aluminium	Steel
Bearings	Standard	Oversized
Support flange	Screwed on	Integrated
Terminal pin	Screwed on	Integrated
Flange offset [mm]	275	275
Encoder technology	Magnetic	Magnetic
Angular resolution [deg °]	+/- 0,35 / 512 positions	+/- 0,35 / 512 positions
Imbalance resolution [g / oz]	1 / 0.05	1 / 0.05

Nexion S.p.A.
Sales & Marketing Dpt.