Gloss Meter

Automotive Industry

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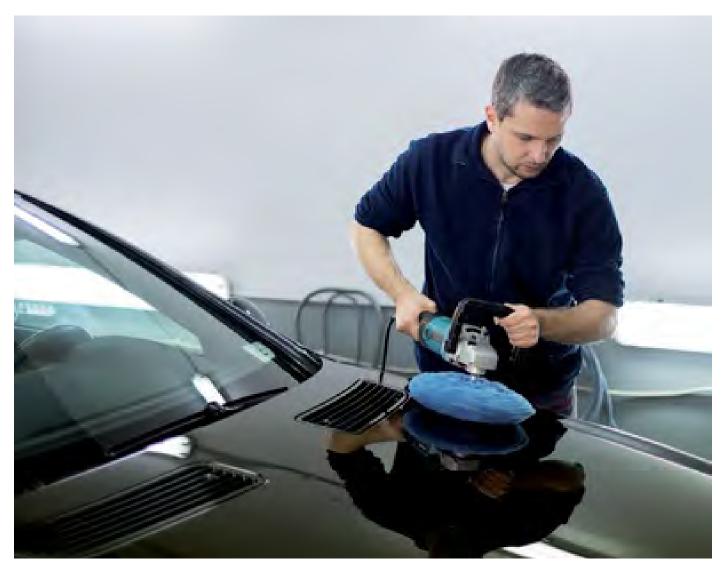www.pce-instruments.com

How attractive this or another product is often depends on its looks (shape, color characteristics, gloss level). The importance of that point is extremely growing nowadays. Automobile industry has become one of the spheres where it is impossible to ignore the control of the "appearance".

Gloss meter has won its popularity among lots of engineers and specialists dealing with the car production. Sometimes even a small handheld device helps to create real masterpieces. They allow to measure the gloss of any material, steel, plastic, interior materials (leather, textile, wood) precisely and extremely quickly.

It is interesting, but two colors having different gloss levels are perceived in different ways. The material having more gloss will ever seem to be darker and vice versa. It is absolutely important to

check and control both parameters to reach the perfect result which will influence the quality of the products. Modern gloss meter models due to their design are able to measure gloss level in any part of the car, making it possible to conduct necessary measurements on the wheels, interior parts, various switches and exhaust pipe etc.

Very glossy surfaces can be checked with the help of the 20° angle. Nowadays there is a growing demand for matt painted cars – in that case the 85° measurement should be applied. Many parts that are inside have got medium level of gloss and for them 60° is the right geometry. Measuring the gloss level in automotive industry is also a way of prevention the ruining and wear of the coating and it helps to see if a new one should be applied.