

Advantage FAQ

Question

What does PinPoint mean?

Answer

PinPoint describes Leica's new reflectorless EDM technology. PinPoint is designed to maximize both accuracy and a very small spot to ensure that you measure to exactly what you want, not the surrounding area.

PinPoint comes in two versions, R100 and R300. The R100 measures reflectorless to 100m to the industry standard surface (Kodak Gray Card 18% reflective) and further to more reflective surfaces (e.g. 170m to Kodak Gray Card 90% reflective). Whereas, the R300 measures reflectorless to 300m to the industry standard surface (Kodak Gray Card 18% reflective) and further to more reflective surfaces (e.g. 500m to Kodak Gray Card 90% reflective). PinPoint offers unsurpassed accuracy and long ranges. Measure to points never before possible, no need to set-up again - just measure, complete productivity!

What's the difference between Kodak Gray and Kodak White card?

Often the terminology Kodak Gray and Kodak White card is used, in reality it refers to a card used widely in the photography industry. The card itself is called the Kodak Gray Card and has two sides. One side is almost white and represents 90% reflectivity, whilst the other is gray and represents 18% reflectivity. This standard card has been adopted by surveying instrument manufactures to benchmark their reflectorless EDM measurement range. To compare to everyday conditions, the side with 18% reflectivity should be used. For TPS1200 this equates to 100m for the R100 & 300m for the R300 PinPoint reflectorless EDM technology.
