



Dutch Circle Or 18th Century Full Circle Signed "Bernier Au Niveau "Paris



1 250 EUR

Signature : Bernier

Period : 18th century

Condition : Bon état

Material : Brass

Diameter : 19 cm

Description

Eighteenth-century Dutch circle signed BERNIER Paris Scientific instrument for measuring terrestrial and celestial horizontal angles. It is made of brass. The first goniometers (instruments for measuring angles were whole circles). This is a brass instrument fitted with a compass and pinnacles. The limb is graduated from 0 to 360 degrees. It rests on a ball-and-socket joint base with a butterfly screw. Signed Bernier at Paris level on the limb. Diameter 19 cm Epoque XVIII circa 1770 -1780 With its case (to be restored: missing parts and wormholes) The Dutch circle was invented around 1550 by GEMMA FRISIUS, who proposed it for topographic surveying by triangulation. It is also called the Dutch circle after its use in 1612 by a surveyor from the Low

Dealer

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horlogerie et bronze doré

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14 chemin de brulefoin

Besançon 25000

Countries (Jan Pieterszoon Dou) for a survey of his country. It was replaced by a half-circle, the graphometer, which was sufficient at the time and has been one of the surveyor's fundamental instruments for 4 centuries. Source: Mesures du temps et de l'espace by Samuel GUYE and Henri MICHEL
Exhibition: a graphometer signed Bernier 1792 was presented under N° 48 by the Ecole Nationale des Ponts et Chaussées at the 1900 International World's Fair, retrospective museum class 15, precision instrument
Condition report: Good condition, with no missing parts or damage. The box needs restoration (5 missing parts and wormholes). Shipping: For all shipping inquiries, please request a quote, specifying the destination city and country. We will ensure very secure packaging. Shipping via UPS..