# GRITTI'S COLLECTION



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# TACHEOMETER, THEODOLITE & CO.

The MB&F M.A.D.Gallery is delighted to showcase 25 rare and beautiful 19th century surveying instruments thanks to Italian architect and collector Bruno Gritti.

In the 18th and 19th centuries, surveyors were important people, responsible for tracing the lines needed to map cities, dig canals, build roads and lay down railway lines in a rapidly industrialising world.

Their most precious possessions were their surveying instruments like theodolites, tacheometers and levels. These instruments weren't just highly accurate measuring tools, they were artfully crafted too: Gleaming brass, bronze or steel, sometimes complemented by the rich brown hue of wooden tripods or carrying cases.

Mr Gritti has dedicated the last 50 years of his life to meticulously researching and collecting these historical treasures, ambassadors to the age of exploration and empire-building. And luckily for us, he has chosen the M.A.D.Gallery to fulfil his wish of passing the baton onto kindred spirits with a fascination for history and an appreciation of fine mechanical craftsmanship.

Mr Gritti says of his carefully curated collection: "For me, the tools that feature in my collection are not just an expression of precision mechanics and applied optics, but they are also objets d'art representing a specific period of history."





#### 28

Level, Chezy model, with telescope and azimuth circle, brass and engraved metal with wooden case. Signed "Dietzgen" n° 13542, early XX century.

#### 56 •

Theodolite, brass and metal Signed "Thomas Jones - 4 Rupert St. - London" (1851 - 1859).

#### 57 •

Theodolite, brass and metal. Signed "L. Casella – Maker to the Admiralty & Ordinance – London" number 3323 (1851–1901).

#### 59 •

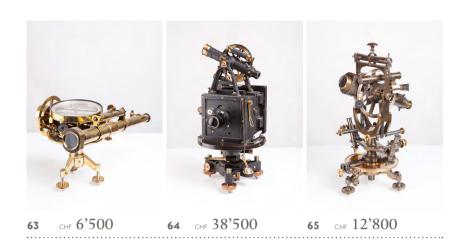
Universal theodolite (Transit), brass and engraved metal.
Signed "Troughton & Simms – London" (English manufacture), circa 1870.

#### 60 •

Altazimuth circle with two telescope, brass and metal with wooden case. Signed "Artaria à Genève", circa 1850.

#### 61

Theodolite "Transit" with astrolabe, brass and metal with wooden case. Signed "Young & Sons – Philadelphia" n° 7429, 1906.







Theodolite with compass and eccentric telescope, brass and metal. Signed "SUSS N. – Budapest" n° 1/21, early XX century.

#### 64

Photo-theodolite. Signed "Keuffel & Esser Co. New York" n° 29326, circa 1900.

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Theodolite, brass and engraved metal with wooden case. Signed "Ing. A. Salmoiraghi – Milano" n° 3787, end of the XIX century.

#### 66 •

Tacheometer – Cleps, large model with concentric telescope, brass and wooden case. Signed "Ing. A. Salmoiraghi – Milano" n° 52480, circa 1900.

#### 68 •

Tacheometer – "Catasto Italiano" normal model, brass and engraved metal. Signed "La Filotecnica Inq. A. Salmoiraghi – Milano" n° 33018, circa 1890.

# 70

Cleps large model with eccentric telescope, brass with wooden case. Signed "Ing. A. Salmoiraghi - Milano" n° 6465, circa 1920.





#### 74

Theodolite with light for circles, brass with wooden tripod and case. Signed "Ing. A. Salmoiraghi - Milano" no Z0975, circa 1910.

# 75 •

Tacheometer brass and metal.
Signed "Ing. A. Salmoiraghi – Milano" n° 10863, end of the XIX century.

# 77 •

Theodolite, brass and engraved metal.
Signed "Kern & Co. – Aarau Schweiz" n° 19789, early XX century.

# 78 •

Tacheometer, brass and engraved metal. Signed "G. Gerlach Varsavie" n° 12685, early XX century.

#### 80

Tacheometer, brass and metal with wooden case. Signed "Societe de Lunetiers - Paris", circa 1880.

# 86 •

Theodolite, brass and engraved metal with two wooden cases. Signed "Troughton & Simms – London", circa 1900.





#### 87 •

Tacheometer, brass and metal with wooden case.

Signed "T. Cooke & Sons Ltd. London, York & Capetown" no 15521, early XX century.

# 104 •

Theodolite, brass and metal.
Signed "SUSS N. Budapest" n° 732, middle of the XIX century.

#### 106

Theodolite, brass and engraved metal with wooden case.
Signed "Dennert & Pape, Altona, Elbe" St. 2101 (Germany), second half of the XIX century.

#### 16 •

Level, Chezy model, with elevation screw, brass and engraved metal, with case and tripod that can be disassembled, boxwood and brass. Signed "Guiseppe Sgarbi Modena", circa 1850.

#### 12

Astrolabe, brass with wooden case. Signed "Allemano - Torino", circa 1900.

# 146 •

Clinometer with telescope, brass and engraved metal with wooden case. Signed "H. Morin - Paris - Bte SGBG", first half of the XIX century.