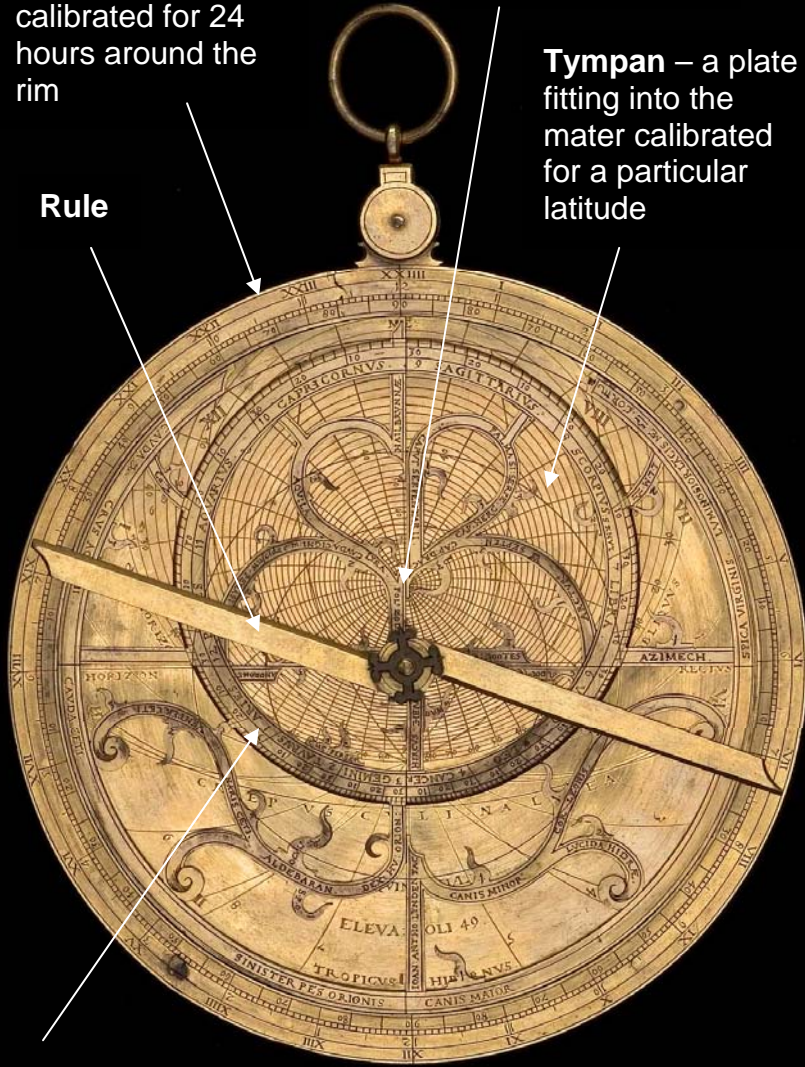


**Mater** – shallow dish which contains the tympan and is calibrated for 24 hours around the rim

**Rete** – rotating skeletal web with 'star pointers'

**Tympan** – a plate fitting into the mater calibrated for a particular latitude

**Rule**



This circular ring is the **ecliptic**. It marks the apparent path of the sun through the Zodiac constellations over a year.

**Alidade** with sights to align with stars and measure their altitude

Back of **mater** with shadow square for surveying purposes

