MESYS UNISENSE

WEIGHT

THICKNESS

MOISTURE

SINGLE HORIZONTAL SCANNING SENSOR "O" – SHAPED FRAME

A single O-shaped horizontal scanning sensor. Ideal for web widths of up to 5.4 meters. This ultrasonic sensor scanner is the simplest but accurate way to

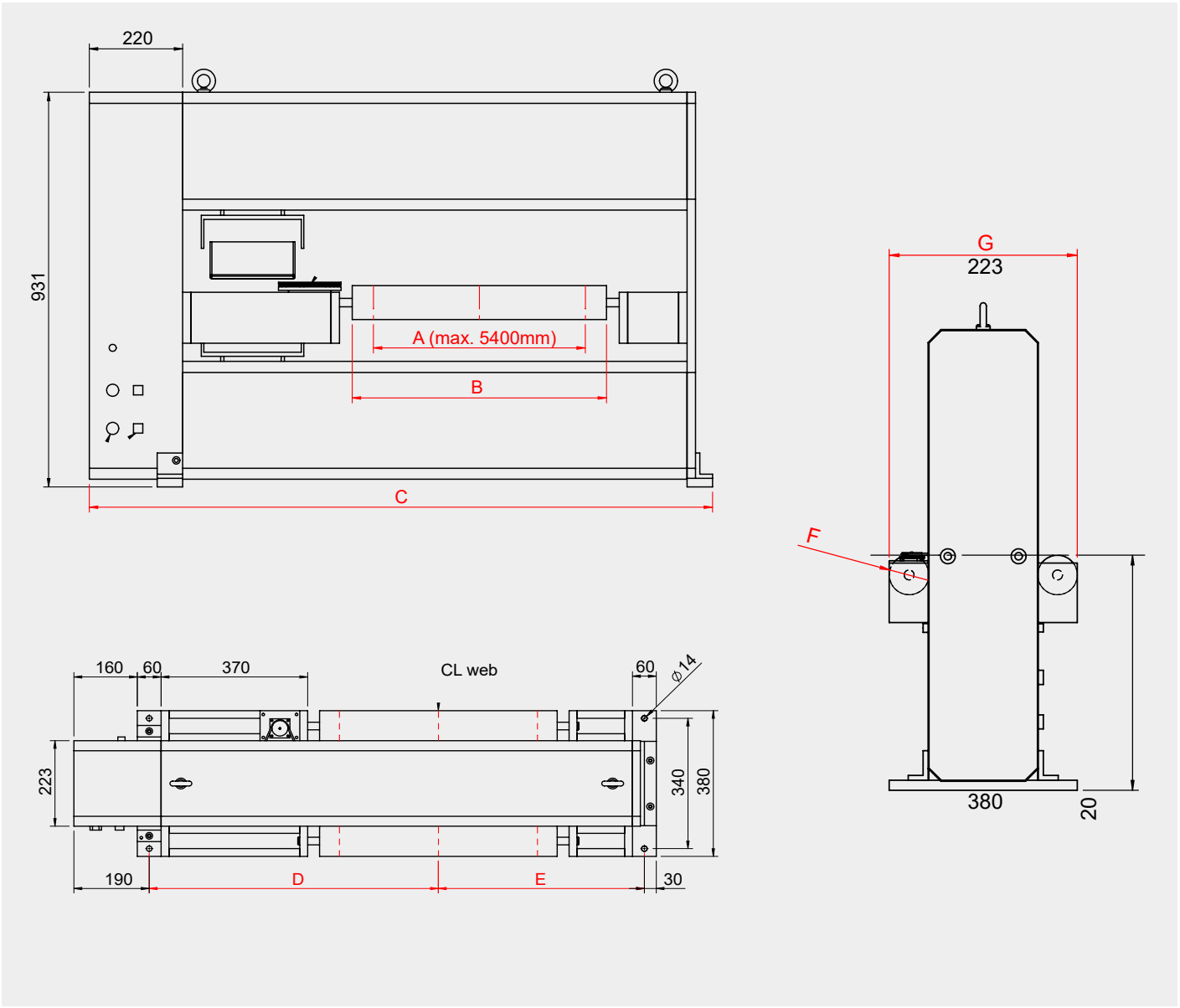
- measure your web materials basis weight for both wet and dry process
- have patented automatic calibration
- measure syncronistation between two or more scanner systems (same spot)

Non contact, non destructive, non radiation
Simple interface via OPC/UA interface
Basis weight range : 0 – 4000 g/m²
Foil Width: 250 - 5400mm
Sensor spot diameter: 5mm
Resolution : down to 0,01 g/m²
Static Accuracy: ± 0.04 % (2σ) *
Power supply typ: 220V AC
Possible ATEX version: Yes
CE Compliance EN 2006/42: Yes

*Test conditions and specifications used available on request

MARPOSS

TECHNICAL SPECIFICATIONS



A	web width
B	roller width = A + 100mm
C	frame width if A > 1000 mm = A + 1050 mm frame width if A ≤ 1000 mm = A + 970 mm
D	B/2 + 430 mm
E	if A > 1000 mm = B/2 + 300 mm if A ≤ 1000 mm = B/2 + 220 mm
F	roller diameter if A > 1500 =∅ 120 roller diameter if A ≤ 1500 =∅ 80
G	if F= ∅120 = 420 mm if F= ∅ 80 = 380 mm