

DITUS MC Bodyscanner

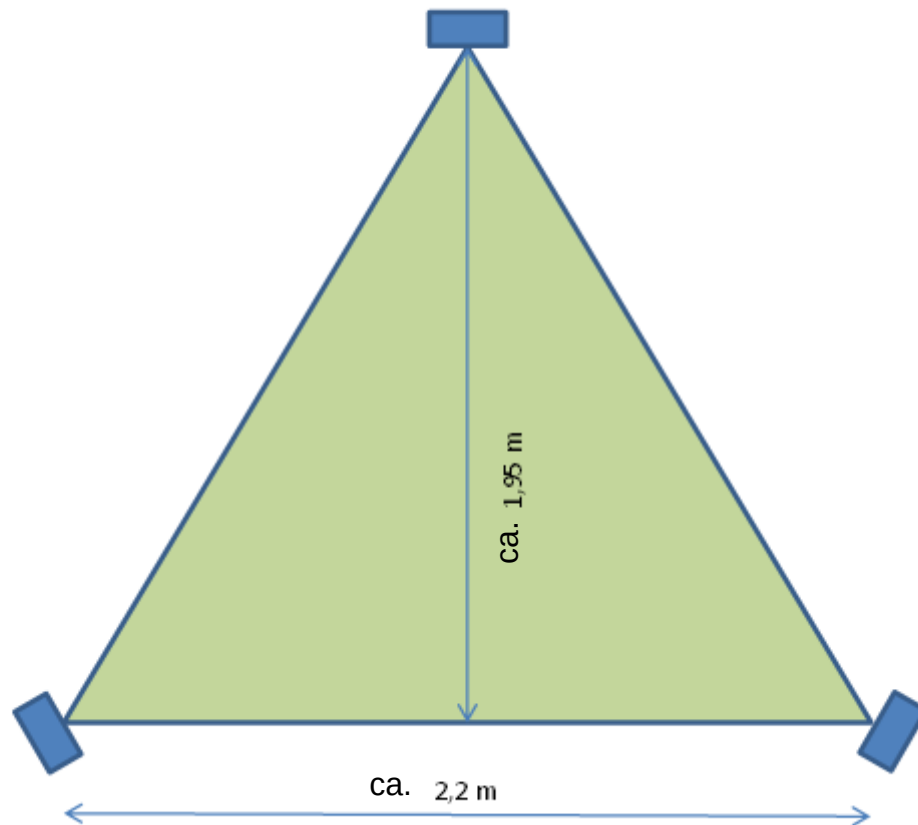
Assembly Manual



2015-08-14 Human Solutions GmbH

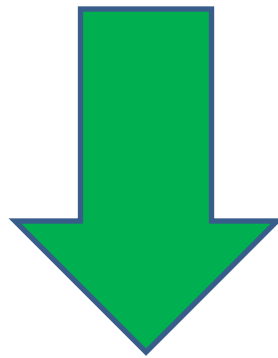


Footprint

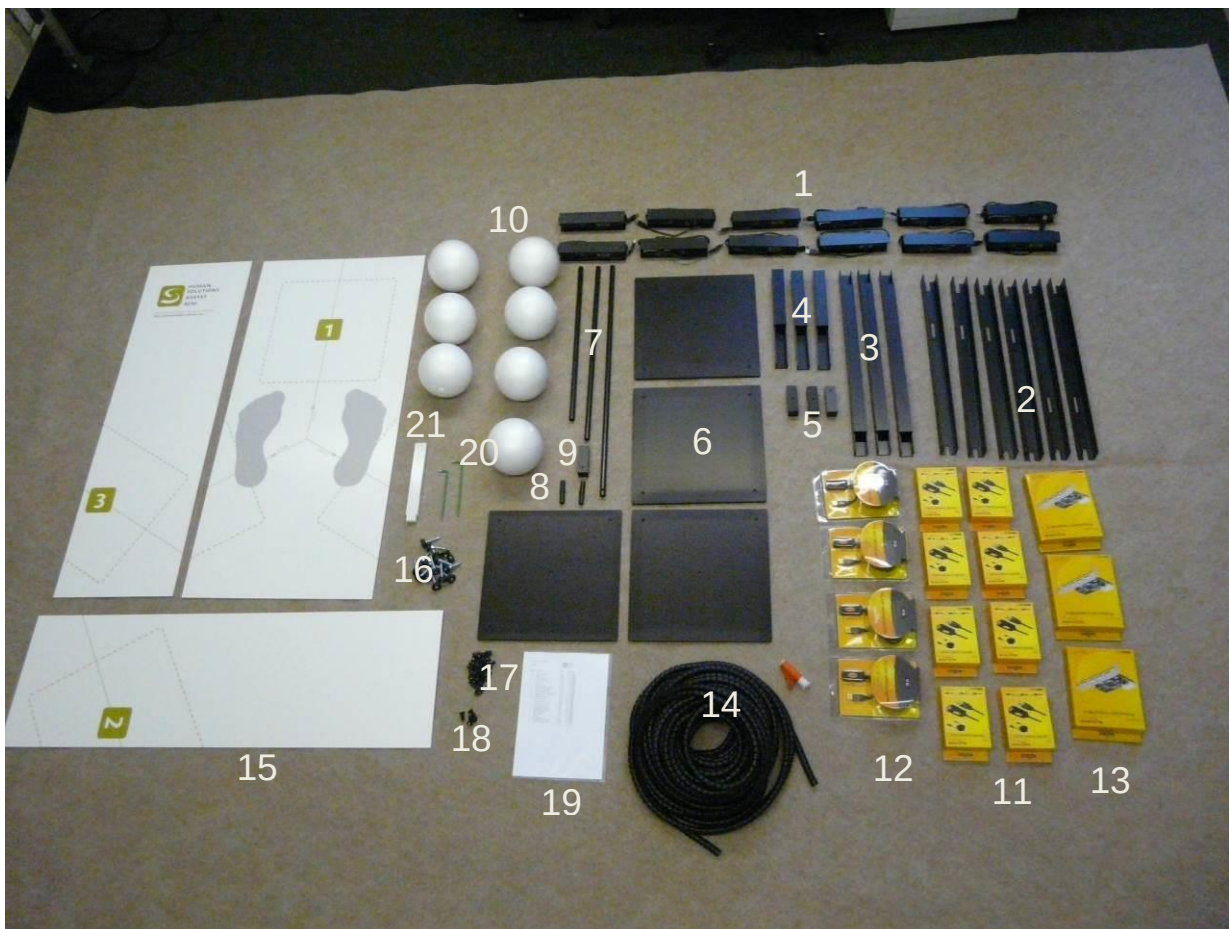


Transport Case





All Parts :



Parts List

- Part 1 : Sensor with Housing (12 x)
- Part 2 : Pillar part (6 x)
- Part 3 : Pillar connector (3 x)
- Part 4 : Floor plate connector (3 x)
- Part 5 : Floor socket (3 x)
- Part 6 : Floor plate (4 x)
- Part 7 : Registration tube (1 x)
- Part 8 : Registration tube connector (2 x)
- Part 9 : Registration tube adapter (1 x)
- Part 10 : Polystyrol sphere (7 x)
- Part 11 : USB repeater cable 5m (8 x)
- Part 12 : USB repeater cable 10m (4 x)
- Part 13 : USB PCI express card (3 x)
- Part 14 : Cable conduit with tool (20 m)
- Part 15 : Floor template (1 x)
- Part 16 : Mounting foot (16 x)
- Part 17 : Cylinder screw M5x8 (80 x)
- Part 18 : Cylinder screw M8x30 (4 x)
- Part 19 : Hex wrenches 4mm, 5mm (1 x)
- Part 20 : Folding rule (1 x)
- Part 21 : Flyer (1 x)

Part 1: 12 x



Part 2 : 6 x



Part 3 : 3 x



Part 4 : 3 x



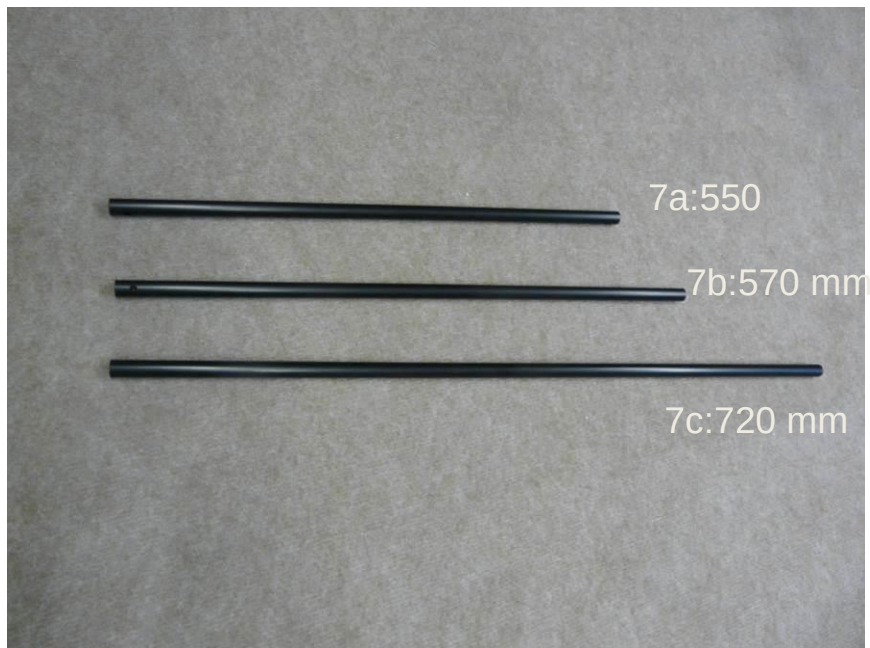
Part 5 : 3 x



Part 6 : 4 x



Part 7 (a,b,c) : 1 x



Part 8 : 2 x



Part 9 : 1 x



Part 10 : 7 x



Part 11 : 8 x



Part 12 : 4 x



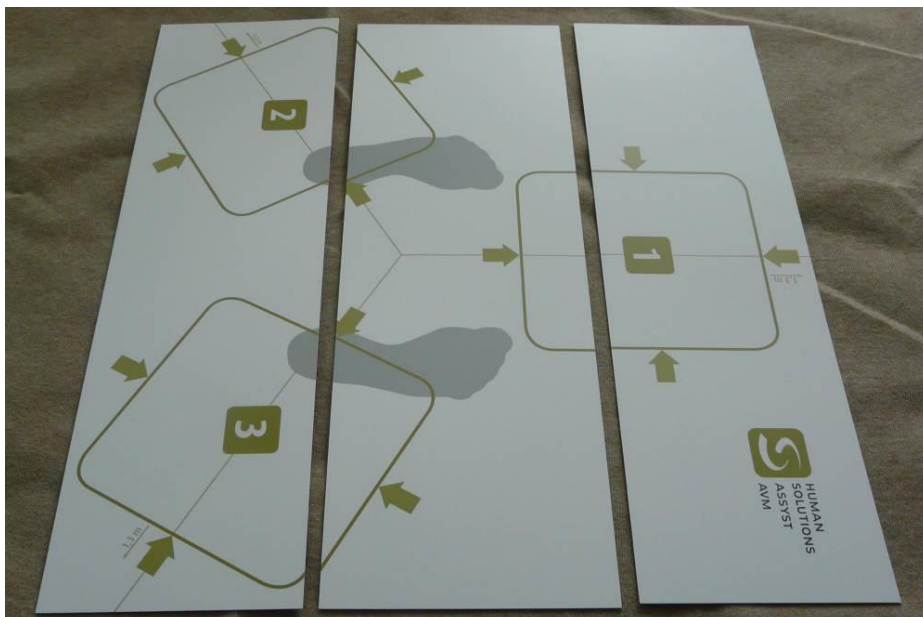
Part 13 : 3 x



Part 14 : 20 m with Tool



Part 15 : 1 x



Part 16 : 16 x



Part 17 : 80 x



use with hex wrench 4 mm

Part 18 : 4 x



use with hex wrench 5 mm

Part 19 (a,b) : 1 x



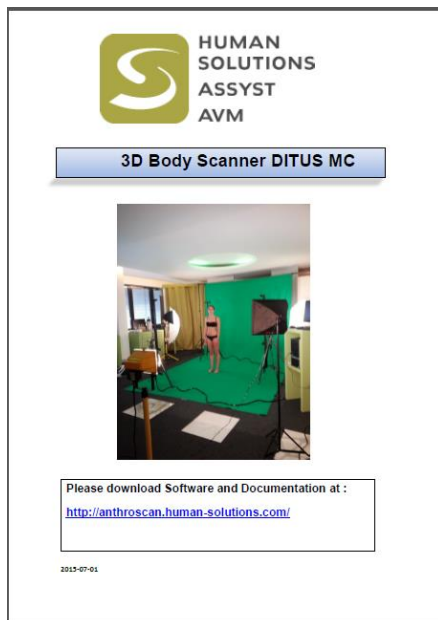
hex wrenches 4 mm, 5 mm

Part 20 : 1 x



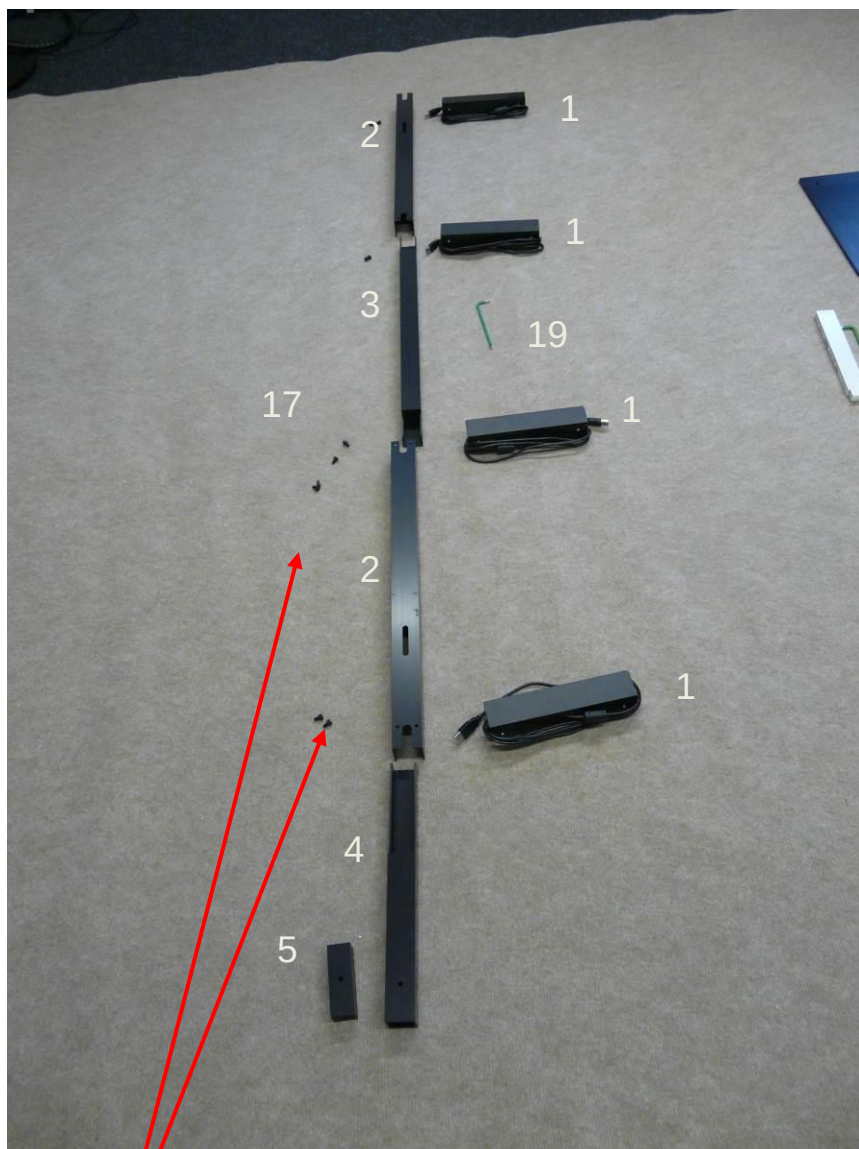
folding rule

Part 21 : 1 x



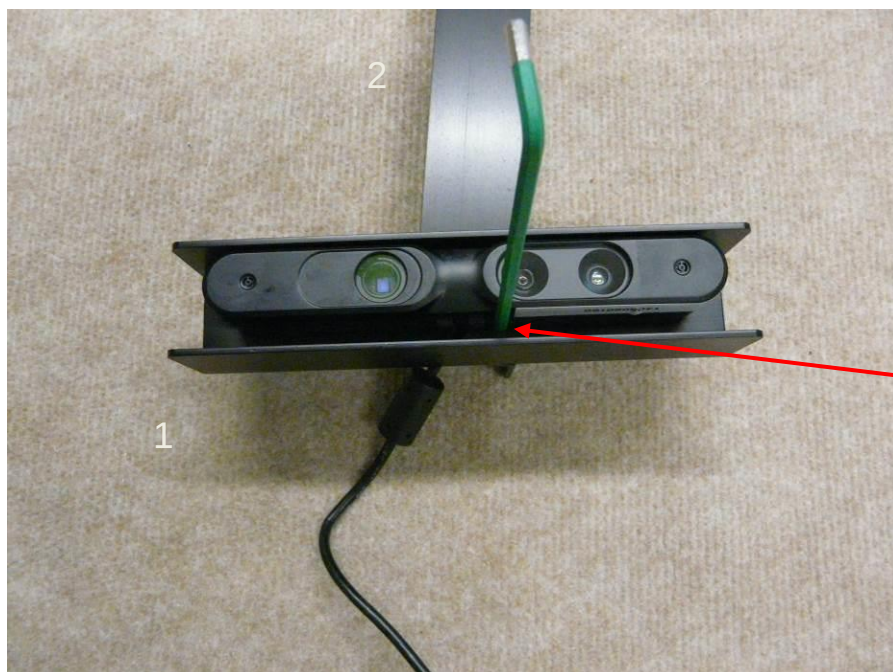
Assembling

Pillar



Part 17 : 17x

Part 1 + Part 2

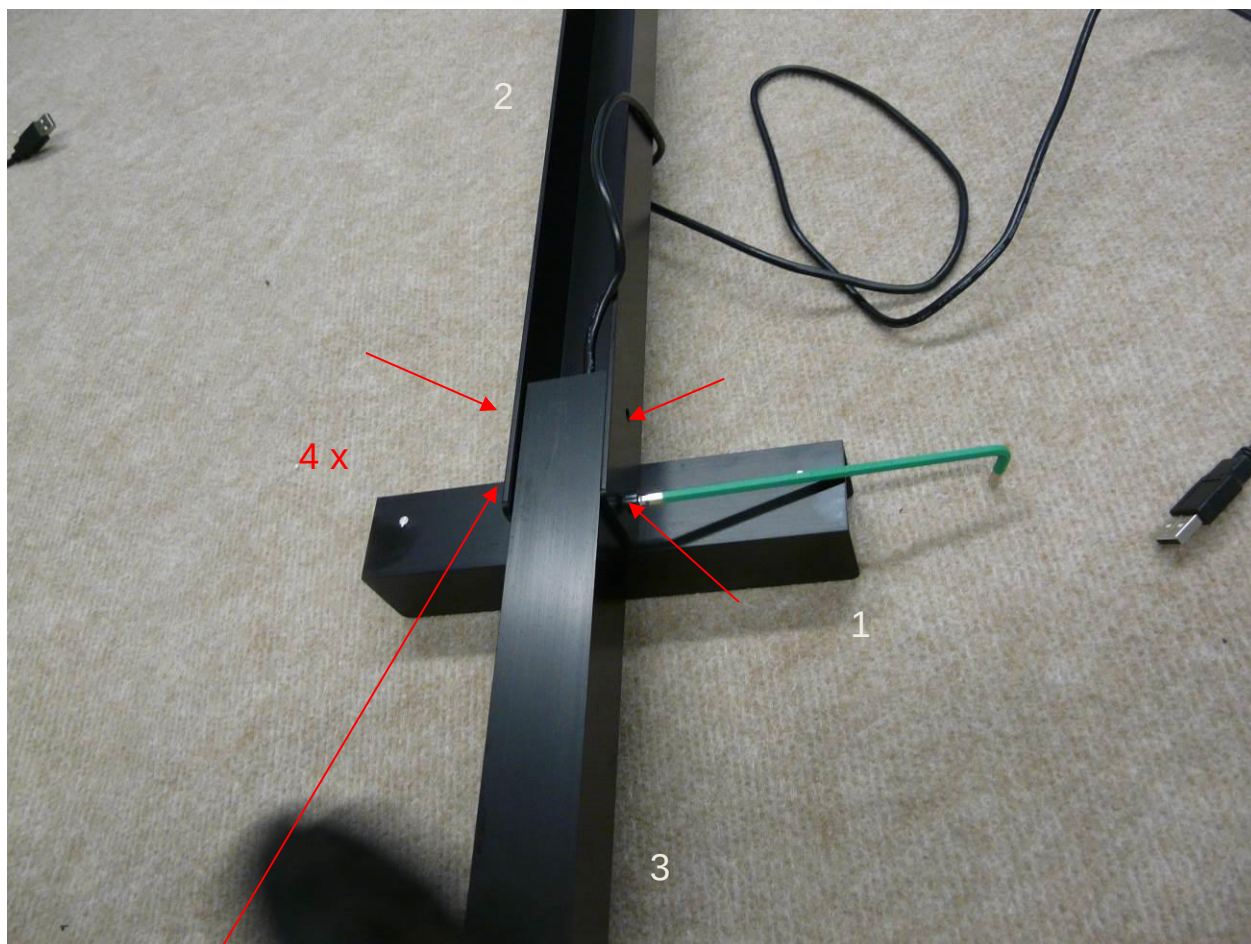


Part 17 : 2 x

Part 2 + 2 x Part 1

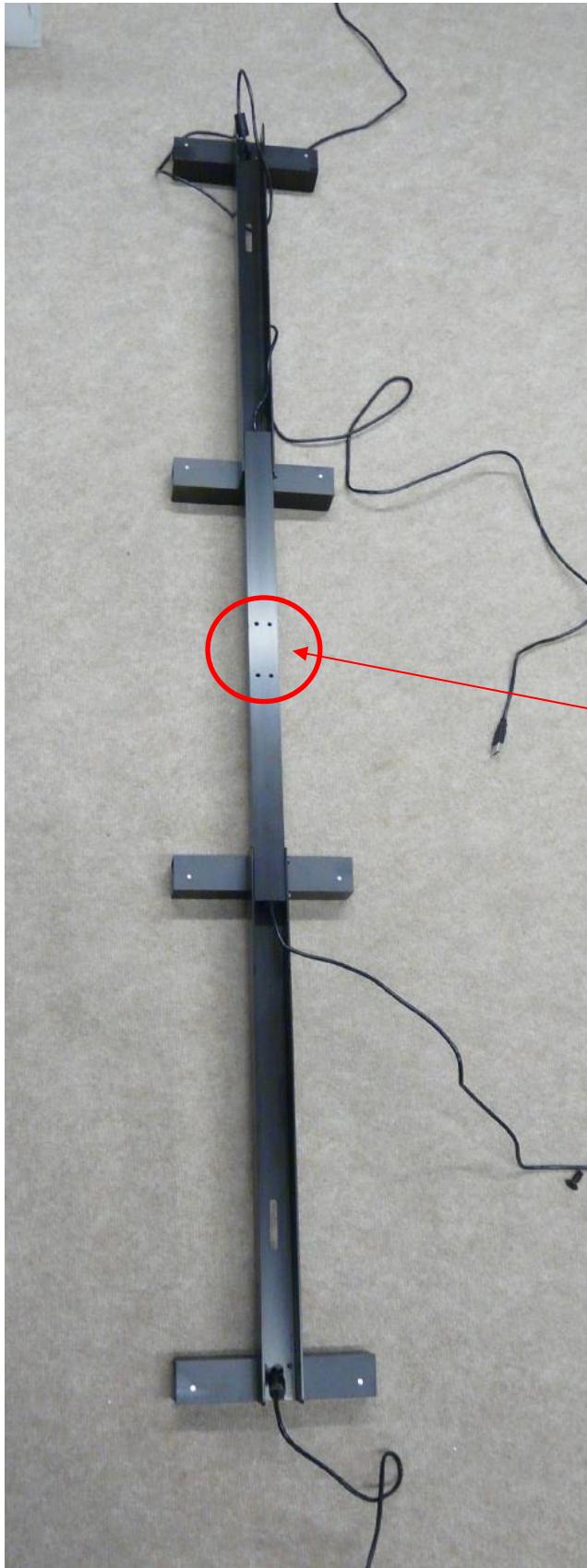


Part 1 + Part 2 + Part 3



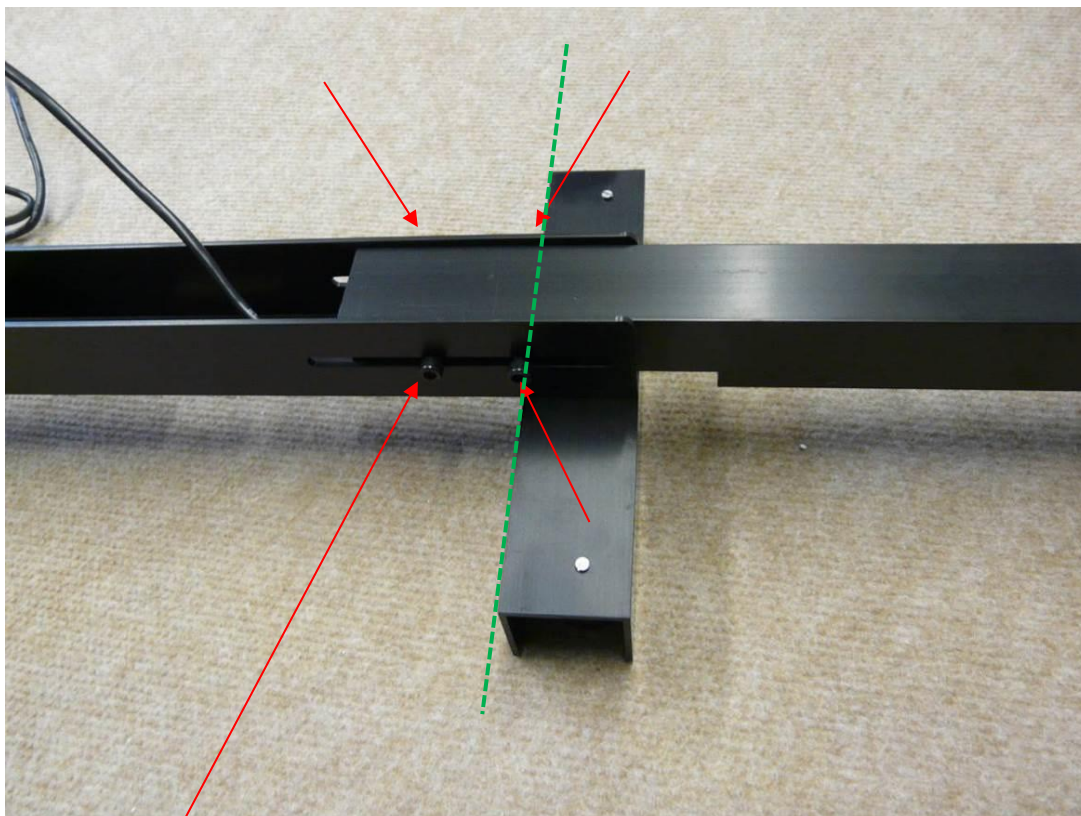
Part 17 : 4x

4 x Part 1 + 2 x Part 2 + Part 3



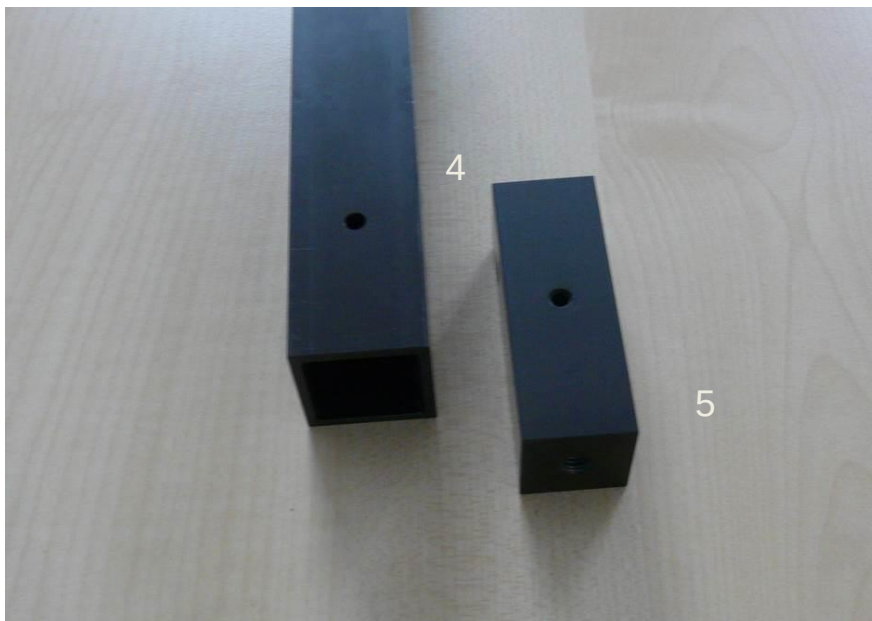
backside

Part 1 + Part 2 + Part 4



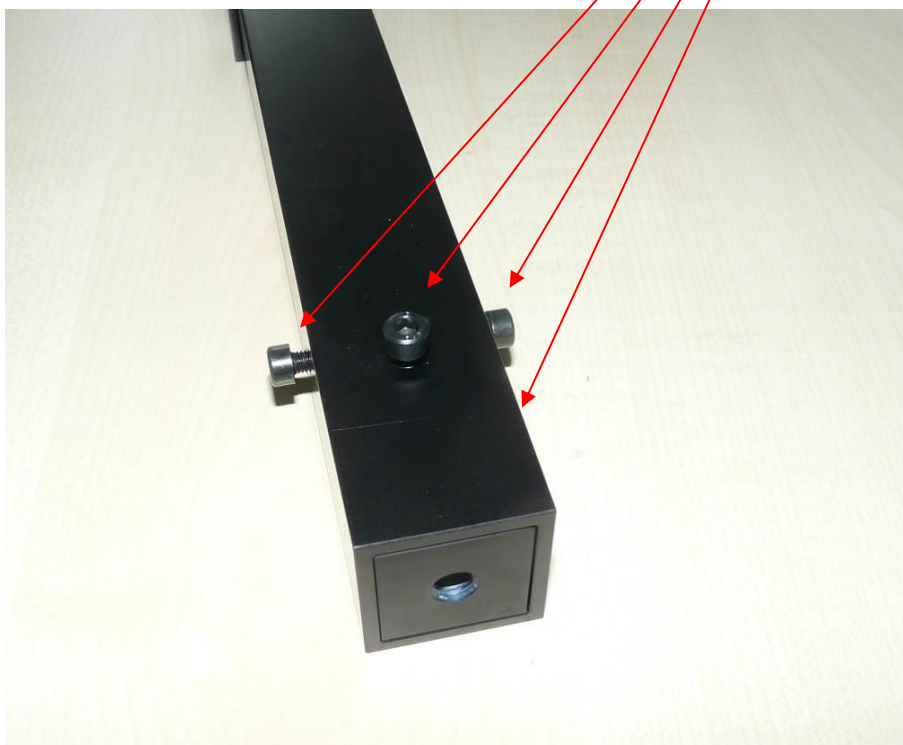
Part 17 : 4x

Part 4 + Part 5

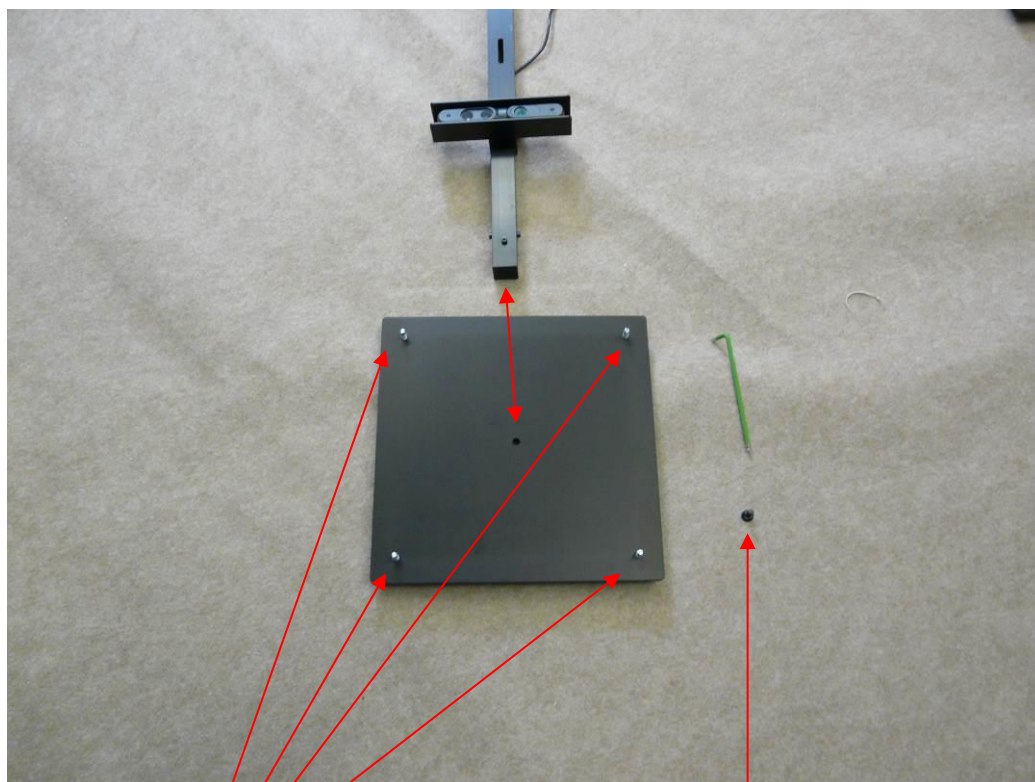


Part 17 : 4 x

Part 4 + Part 5



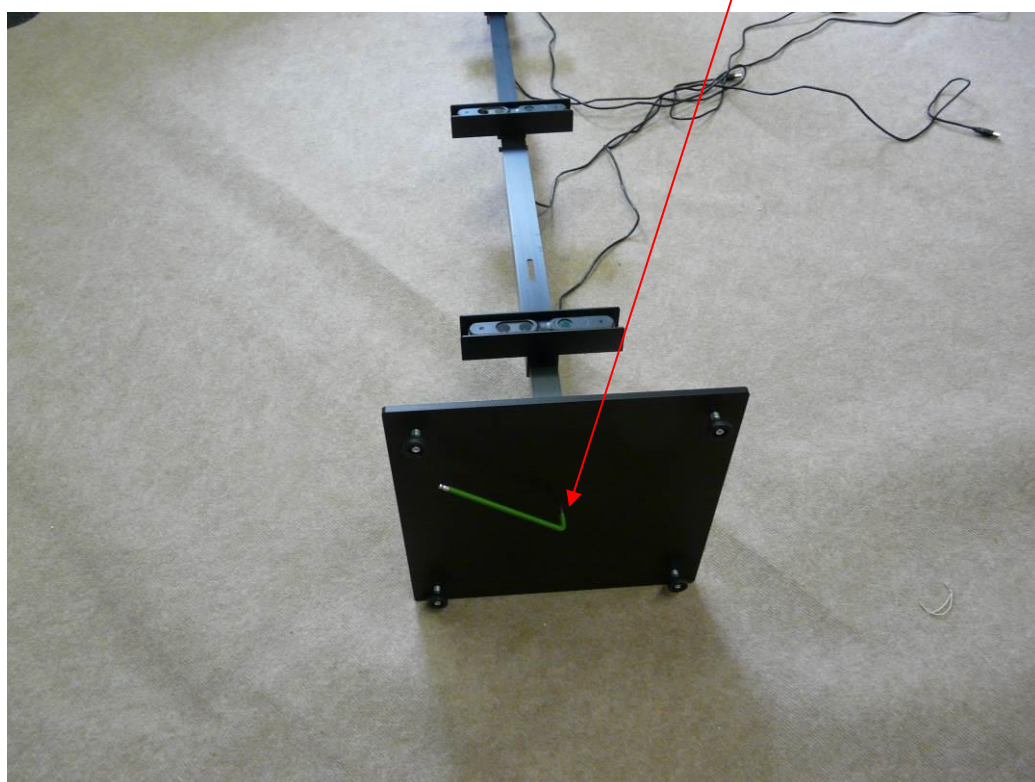
Part 1 + Part 5 + Part 6



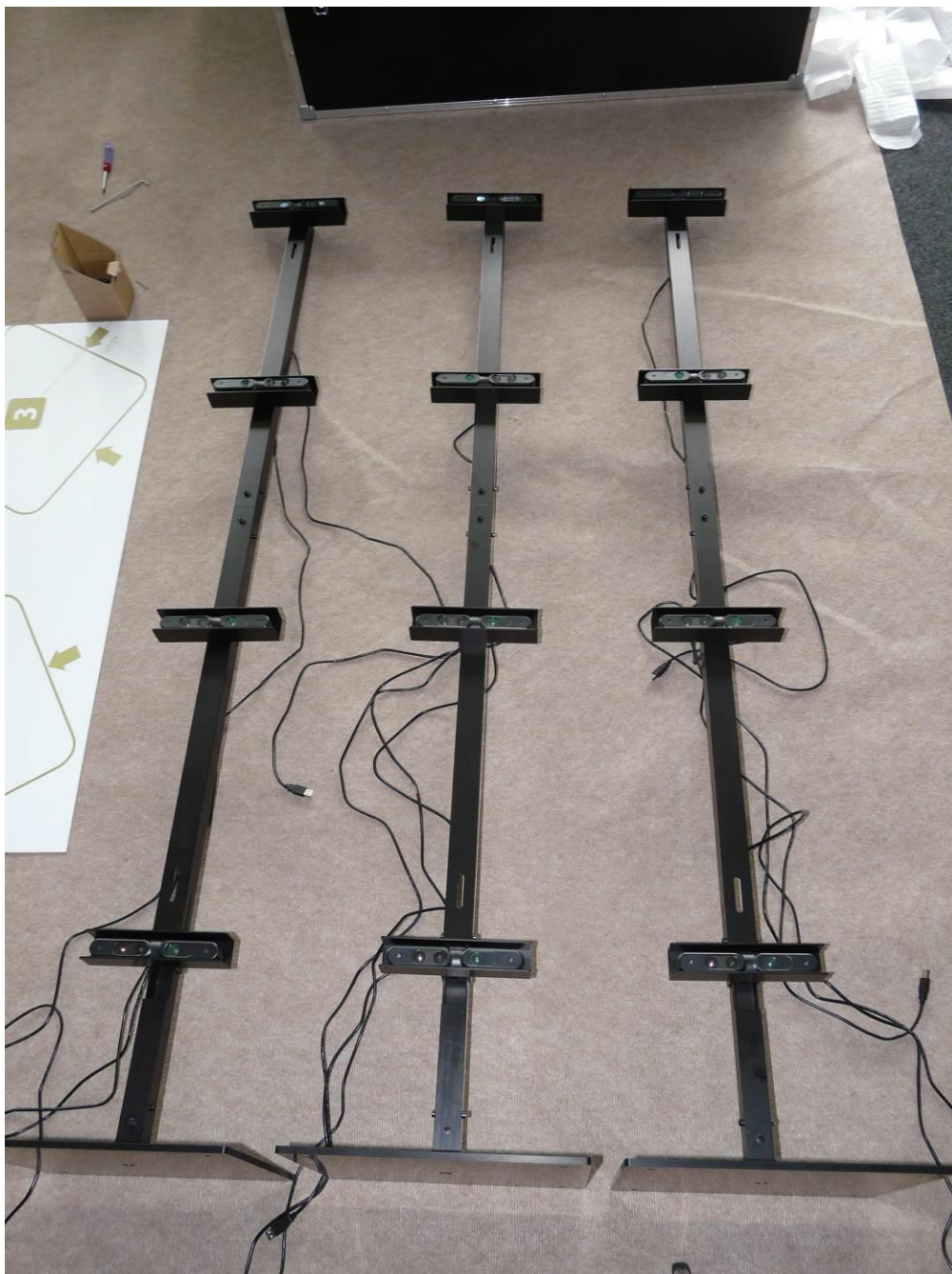
Part 16 : 4x



Part 18 : 1 x

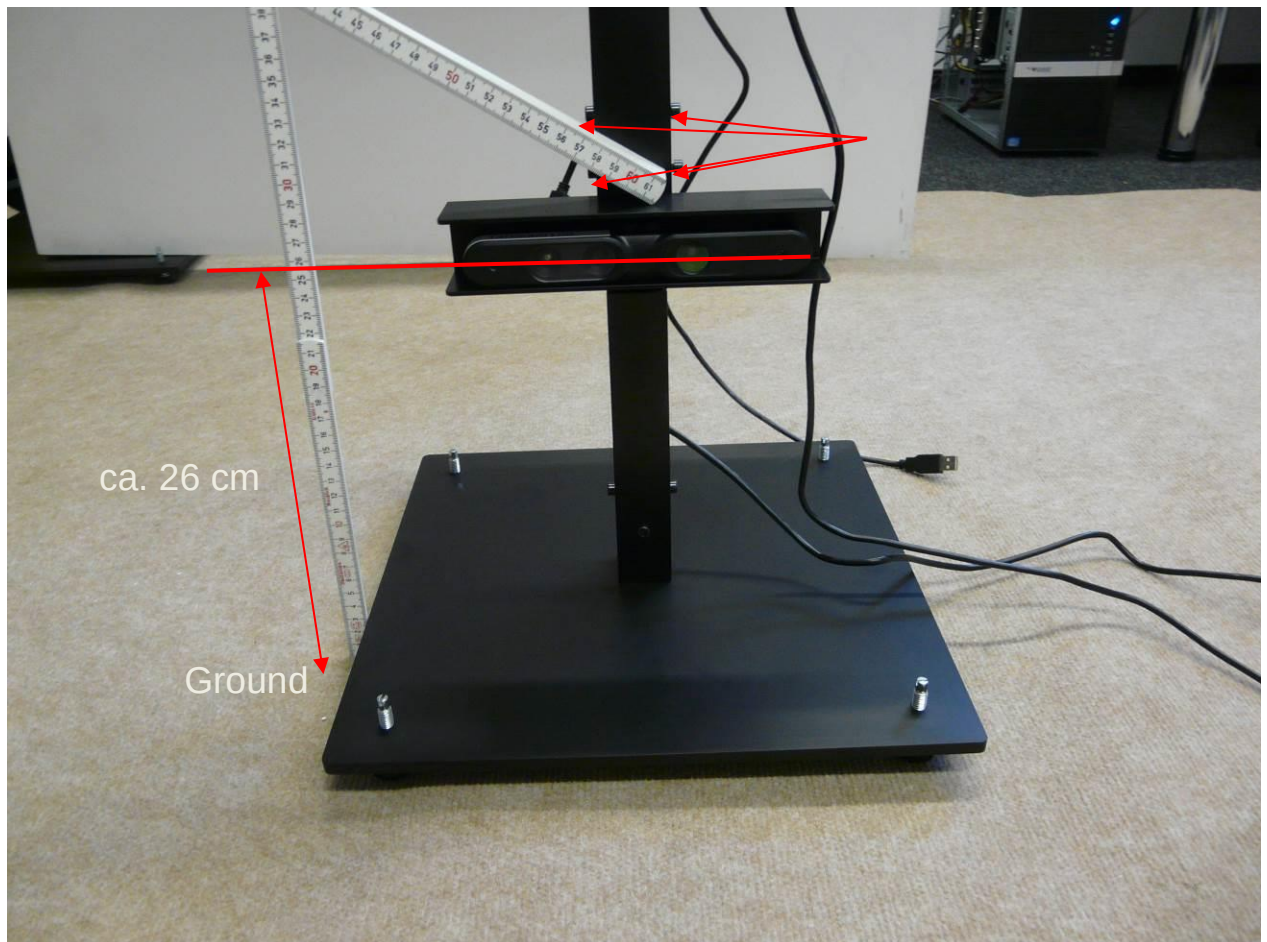


3 assembled Pillars





Sensor height

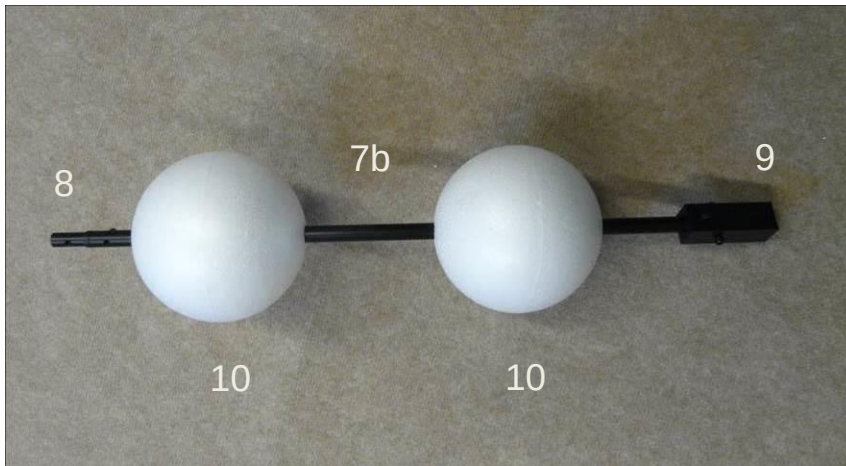


Part 7(a,b,c) + 2 x Part 8 + Part 9

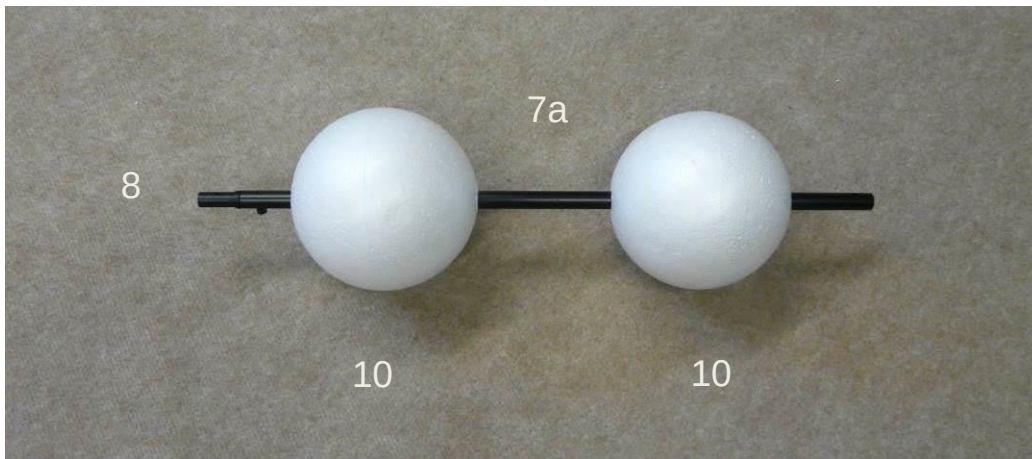


Note : Registration tube comes partially mounted (see below)

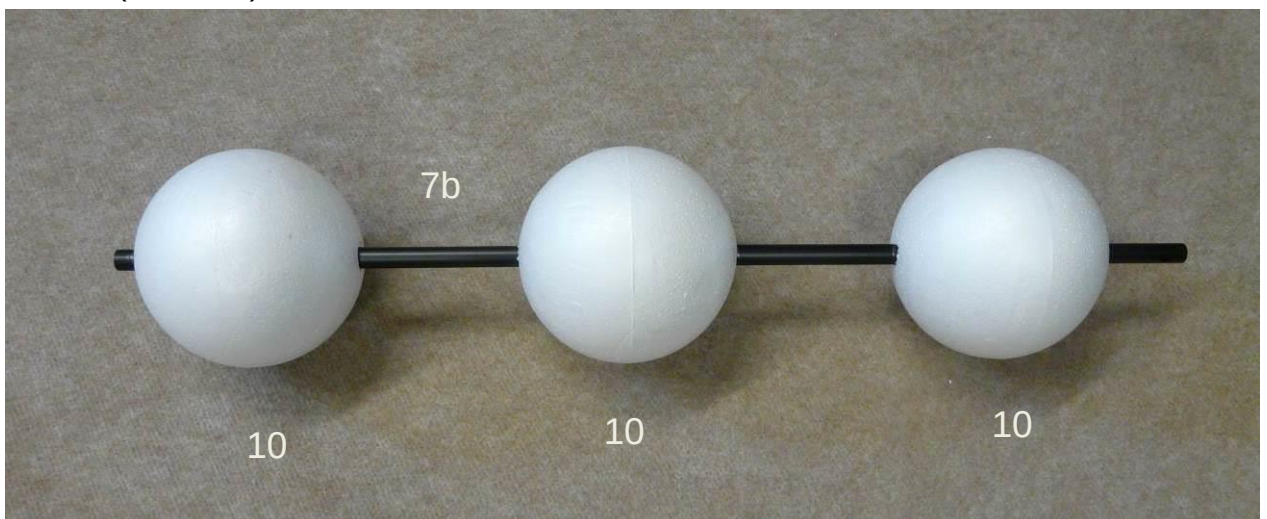
Part 7b (570 mm) + 2 x Part 10 + Part 9 + Part 8

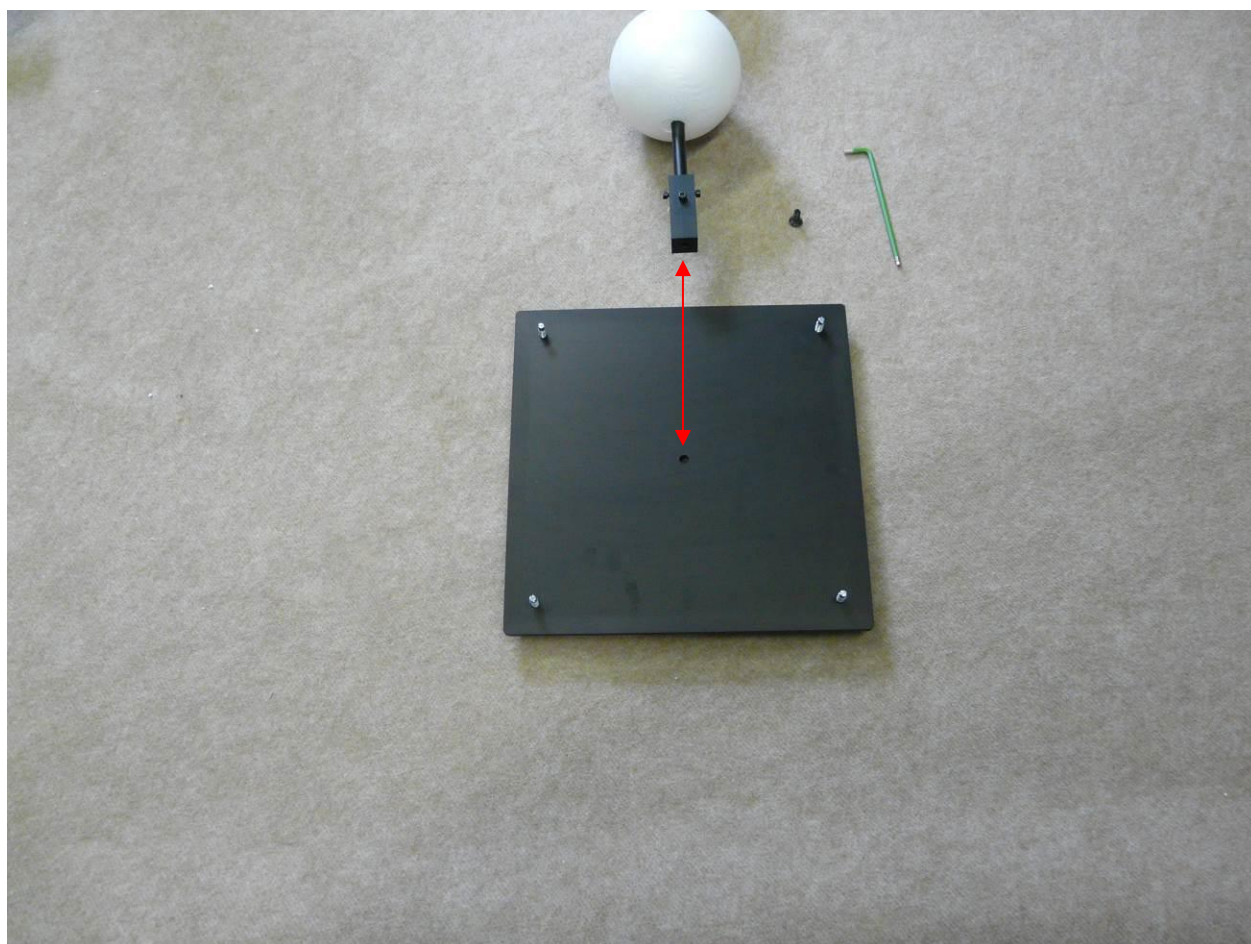
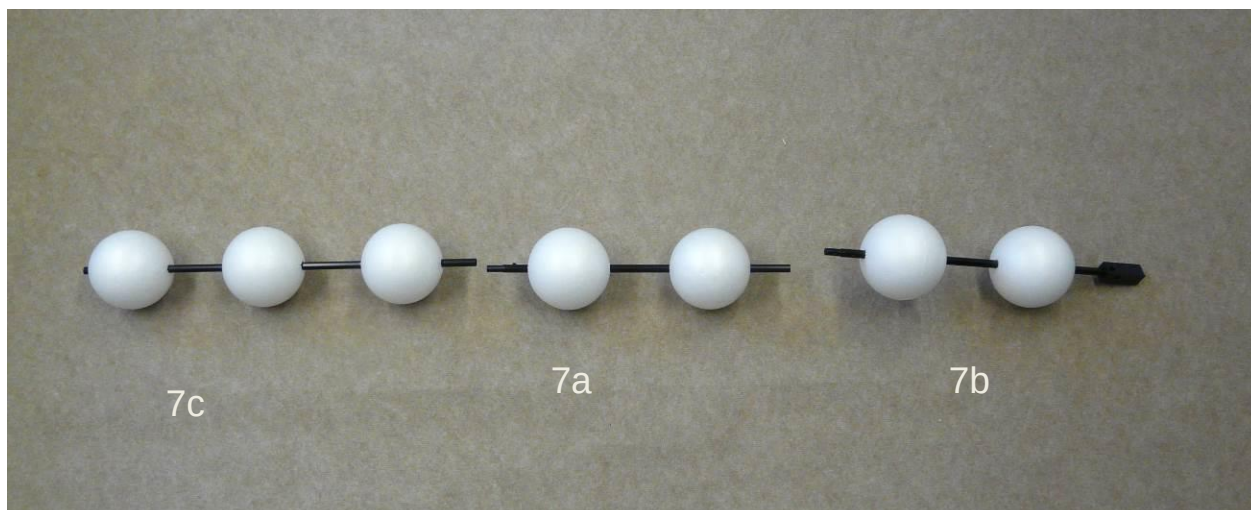


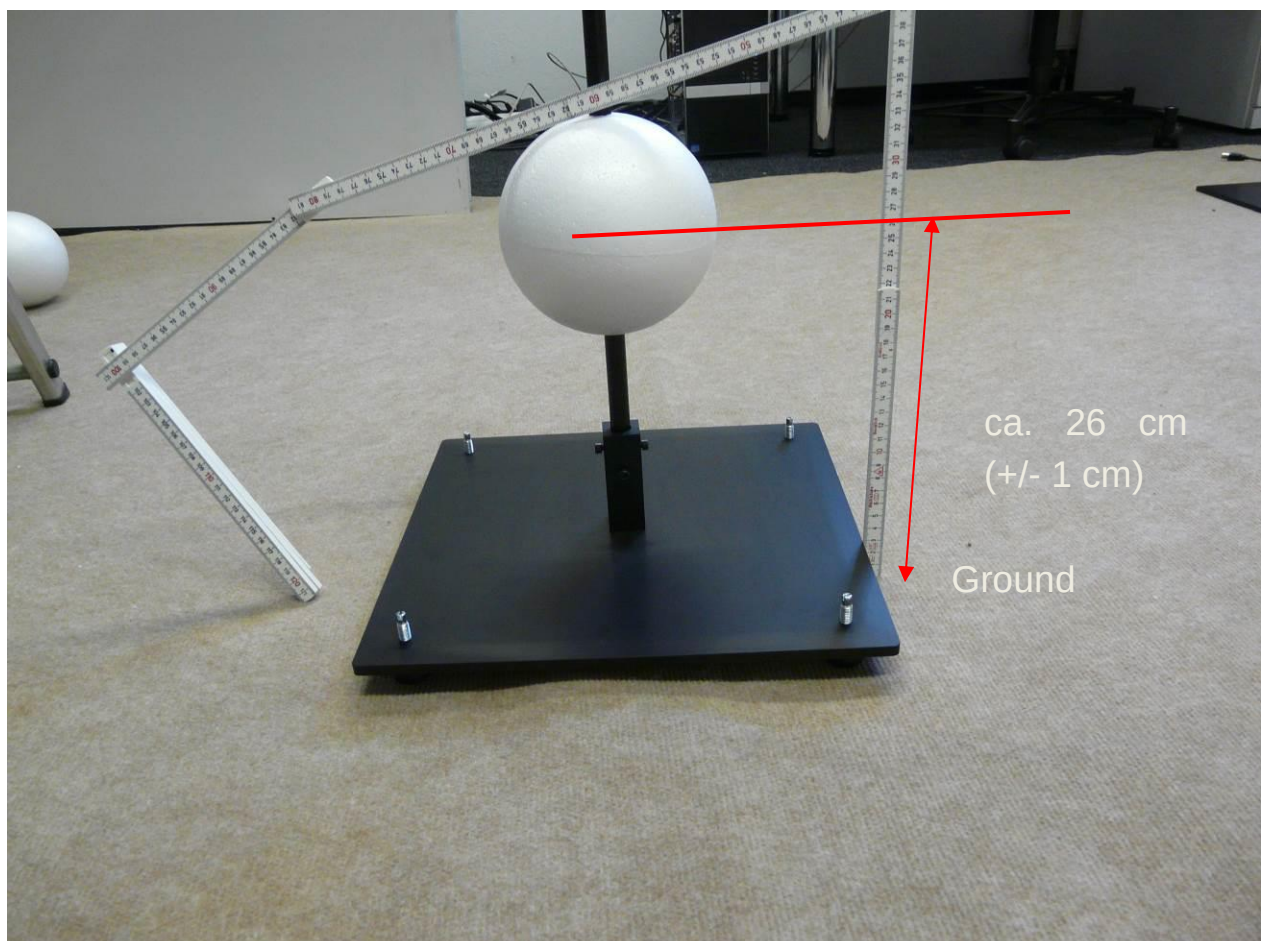
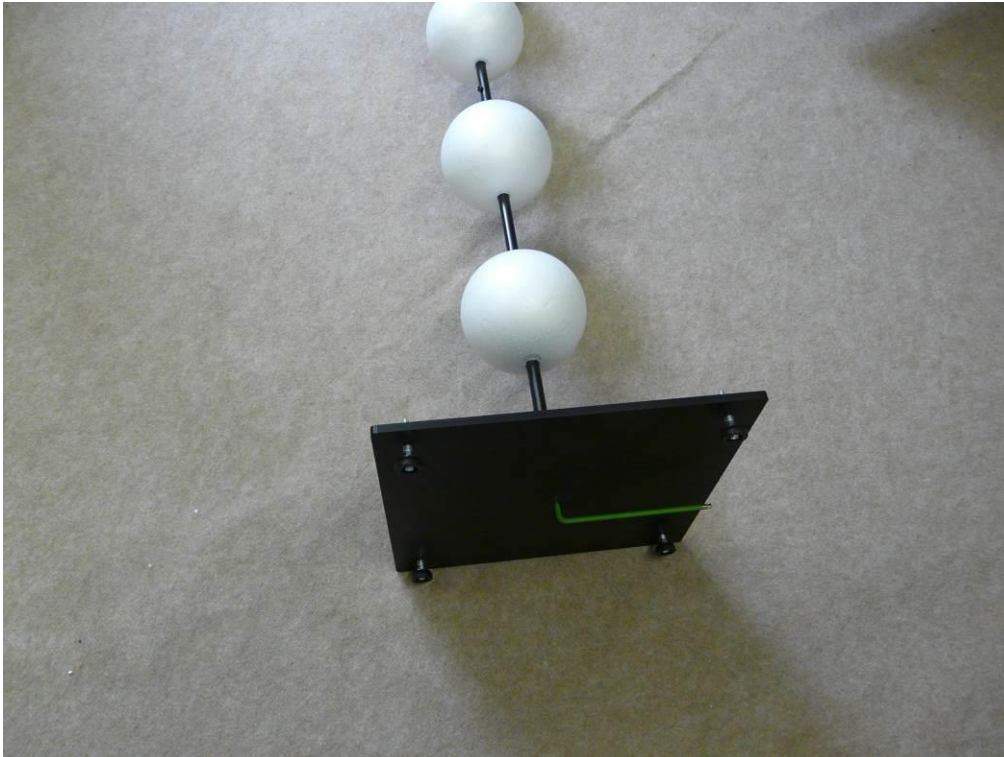
Part 7a (550 mm) + 2 x Part 10 + Part 8

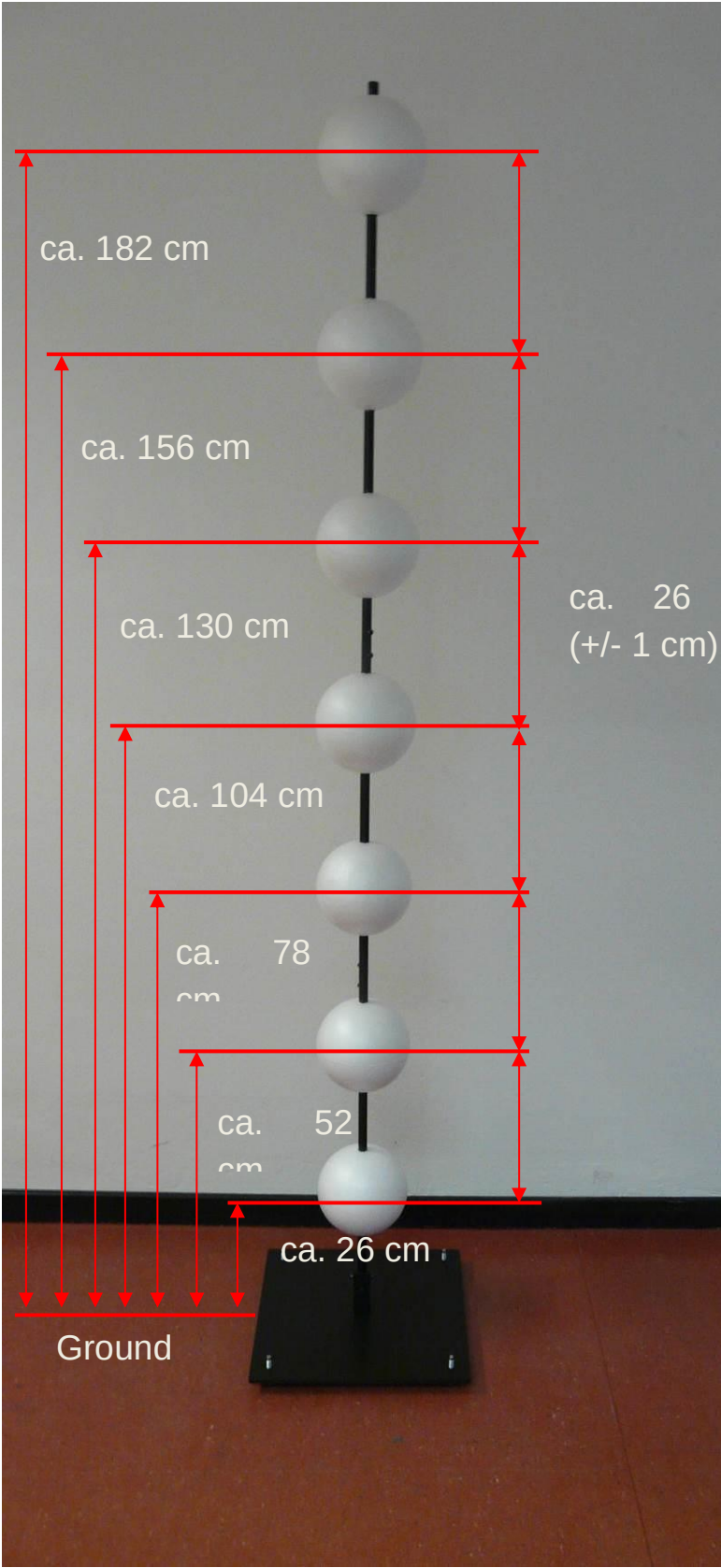


Part 7c (720 mm) + 3 x Part 10









8 x Part 11

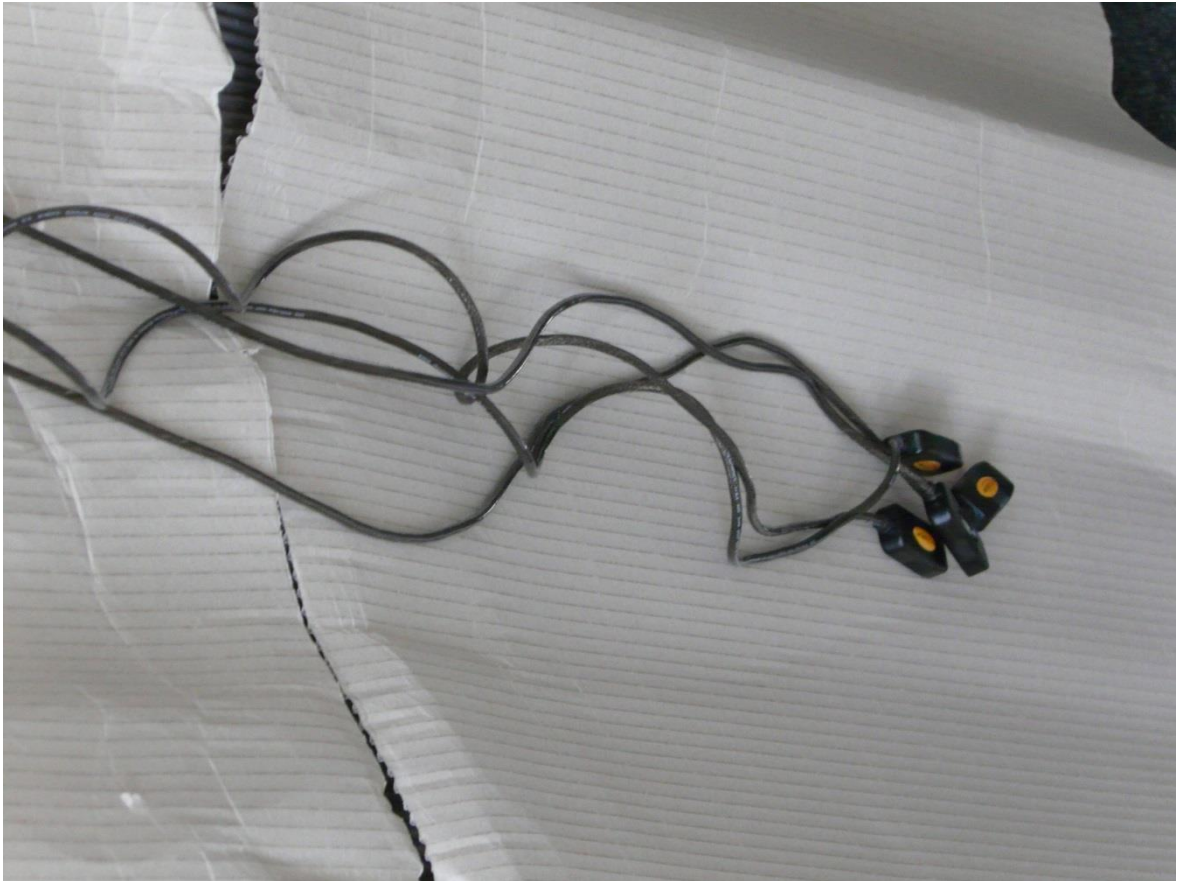


4 x Part 12



Part 14

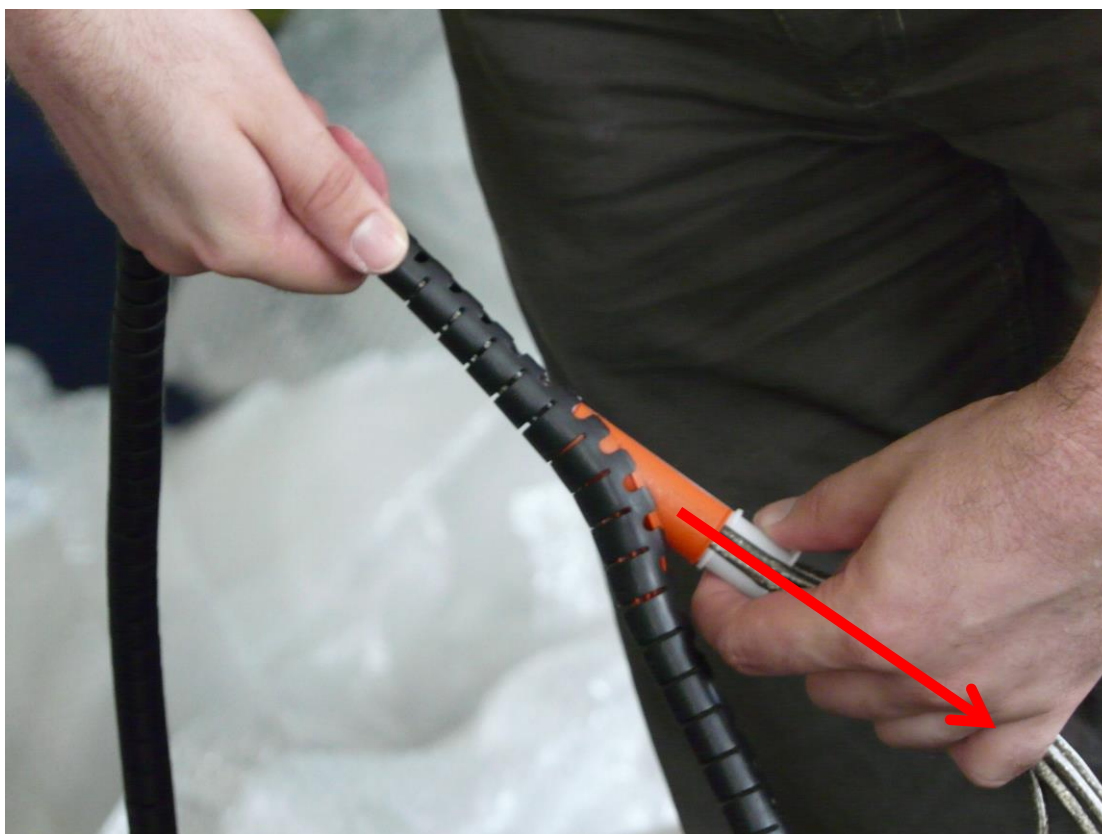




Note : unreel all cables to full length



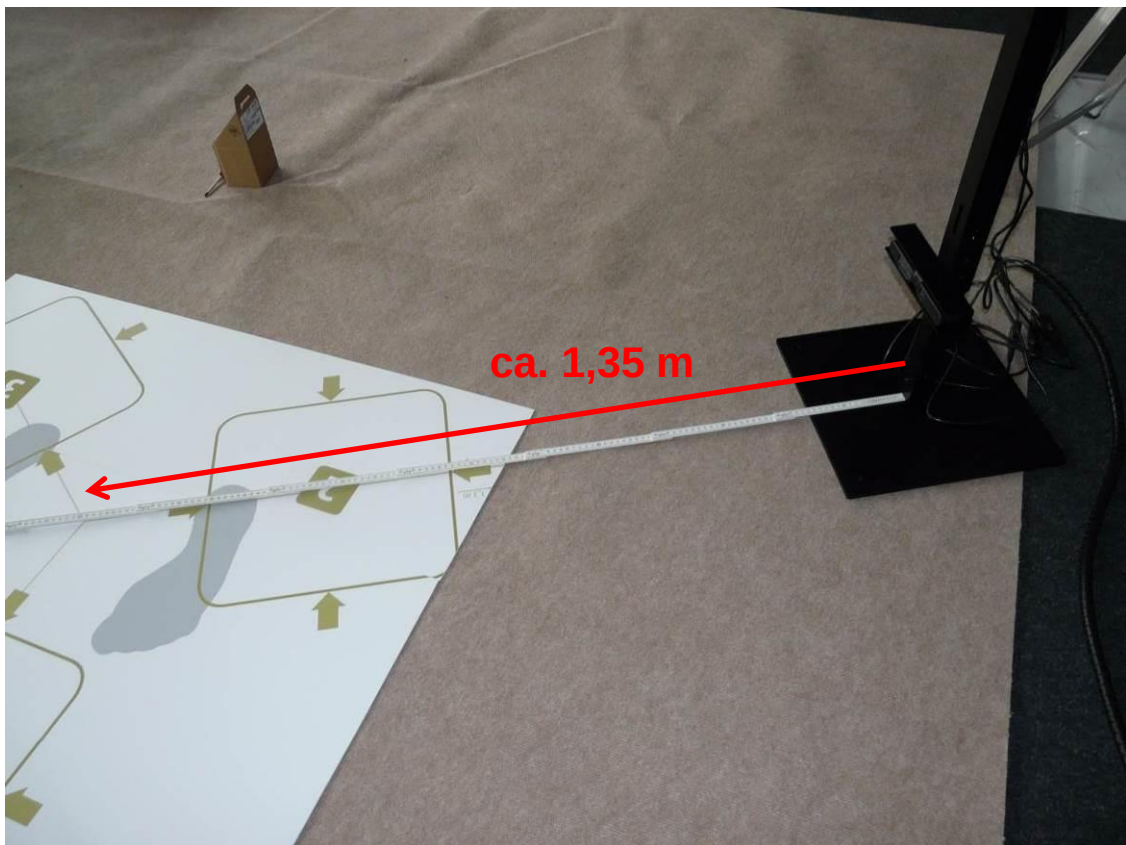
https://www.youtube.com/watch?v=0v72_eS5r0I





2 x 5 m

1 x 10 m



(1,35m from pillar or 1,30m from sensor front)



PC:

- Use Human Solutions PC
- or
- Read "[DITUS MC - PC Specification](#)"

Turn off PC

Disconnect Power cable

Plug in and screw cards

Connect cables

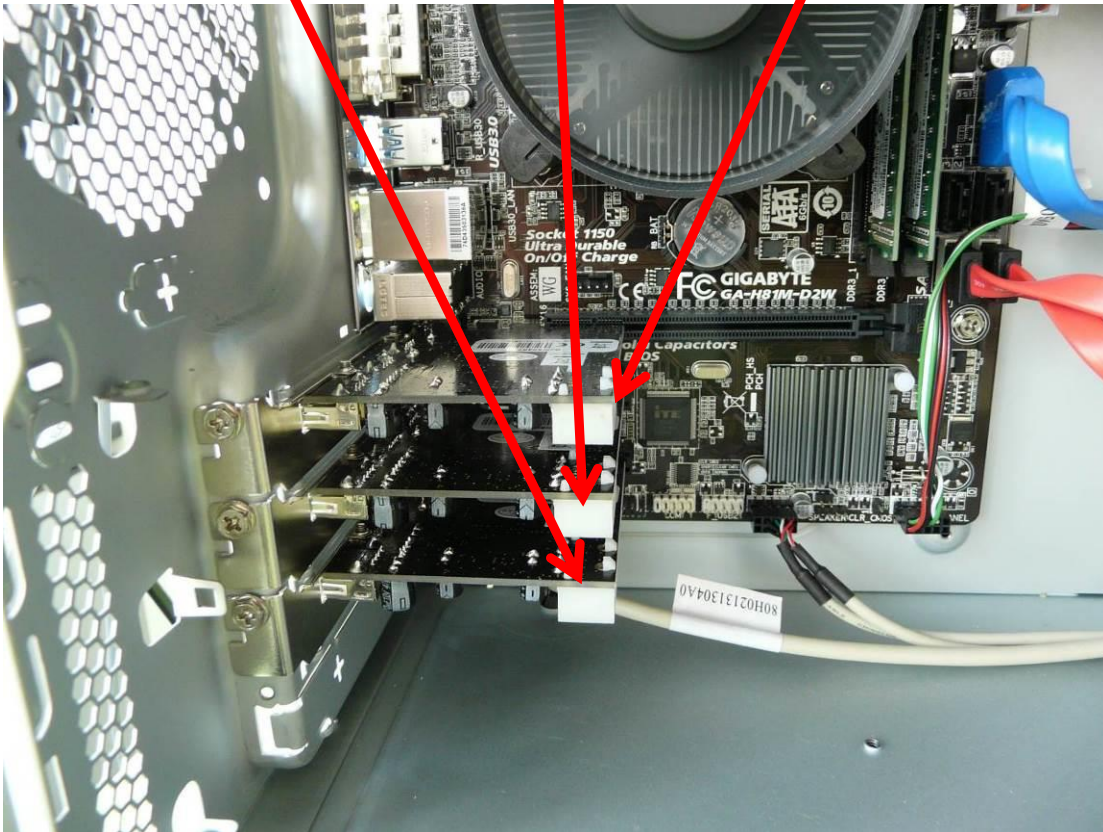
Part 13



Part 13



Part 13



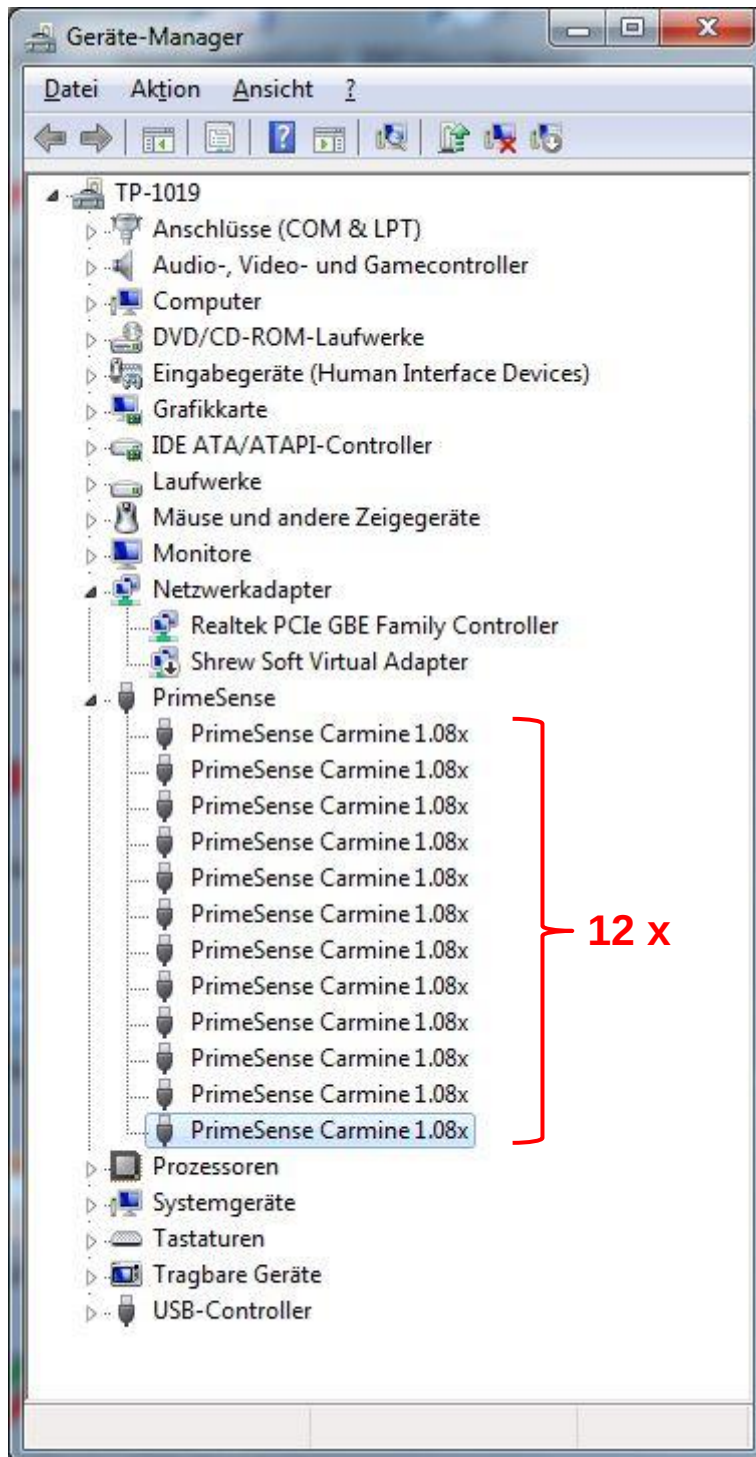
3 x PCIe slots

Do not connect additional power cables



Connect USB cables in any order





12 x PrimeSense Carmine 1.08x visible



Software and more Documentation :

<http://anthroscan.human-solutions.com/>



Software- Setup