



EMS Brno

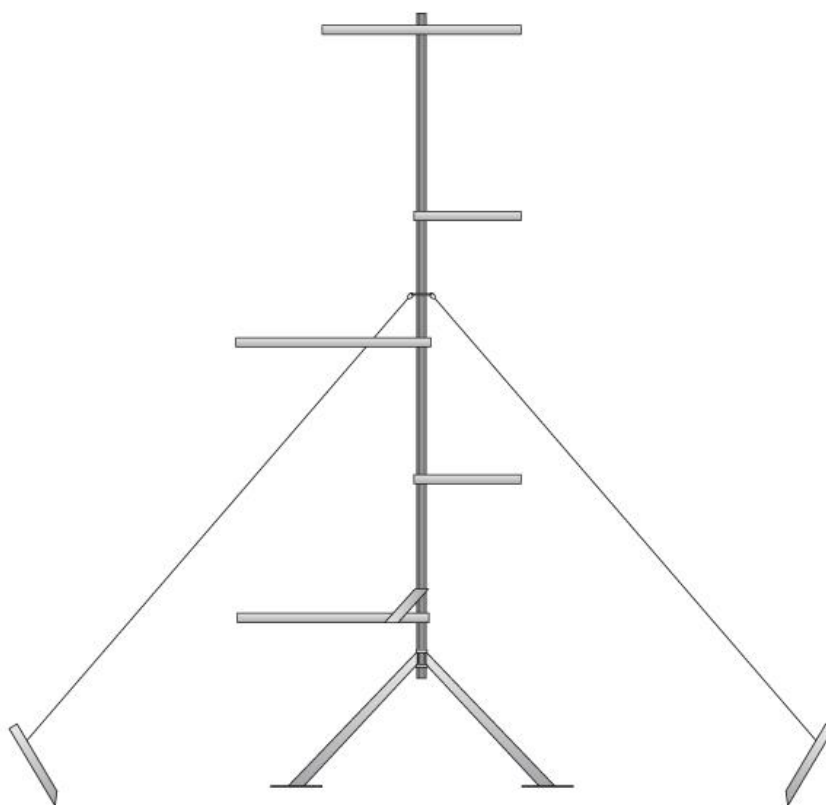
Data Acquisition Environment

Hardware – Software – Cloud application

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Mast with tripod, anchors and lifting crossarms

Assembly notes



Environmental Measuring Systems s.r.o.
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1 TRIPOD SET UP

Fix foots on legs by two screws for each.



Put on and hold the lower sleeve. Insert the legs.

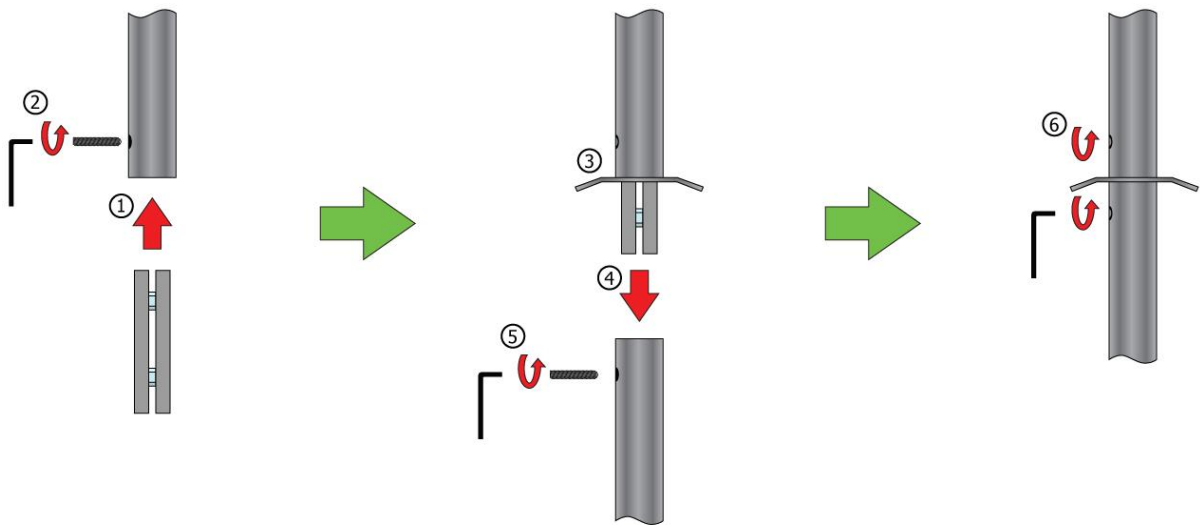


Put on the upper sleeve and fix the leg assembly to the central tube. Set the right position on the tube according to demanded height of sensor above the ground and tighten all six hexagon socket set screws.

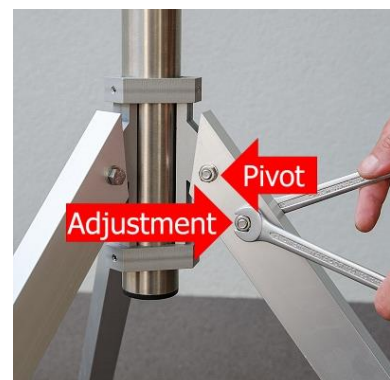
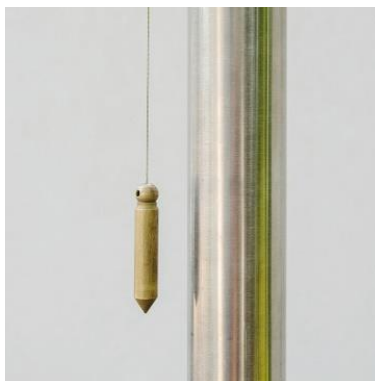
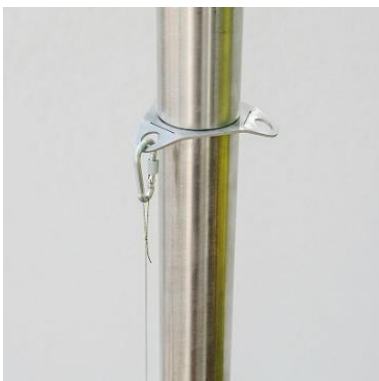


2 TUBE CONNECTION AND ANCHORING

1. Insert the tube-connector into the upper tube
2. Screw the hexagon socket set screw (through the hole in tube) into the tube-connector by 4 mm Allen key
3. Insert the triangular holder for anchor ropes on
4. Insert the upper tube (with screwed tube-connector) into the lower tube
5. Screw the hexagon socket set screw (through the hole in tube) into the tube-connector by 4 mm Allen key
6. Tighten both screws



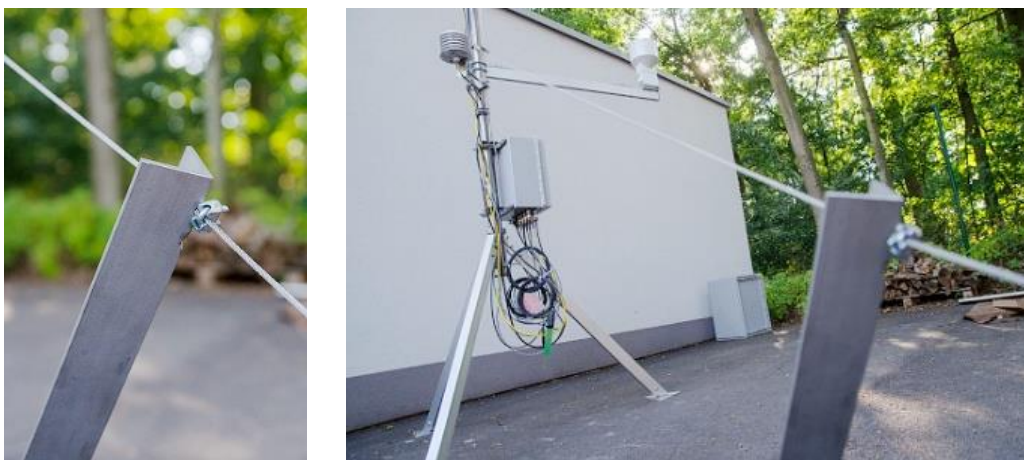
Insert plumb bob on triangular anchor holder.
Check and adjust the verticality with tripod legs.
Tighten the screws on legs.



Hammer foots to the ground by three nails for each.
Tighten the screws.



Insert the turnbuckles to the triangular anchor holder with hook from downside.
Release the turnbuckles to be prepared to tighten.
Hammer the pin into the ground, tighten and secure the wire by rope clip.
Tighten the turnbuckles.



3 INSTALLATION OF CROSSARMS

Fasten crossarms by threaded U bolts.

We supply several types of crossarms:

