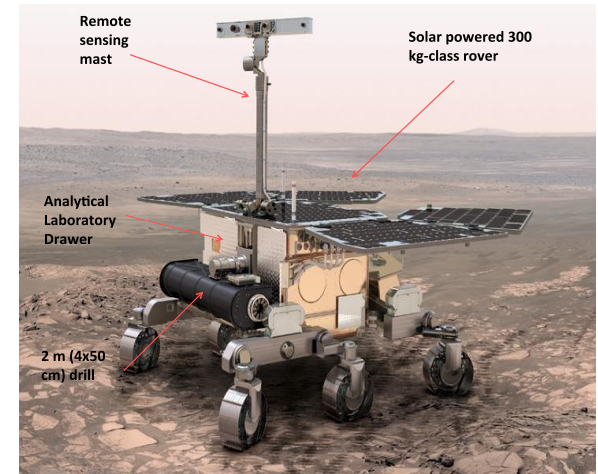


ExoMars 2020 mission (search for signs of life)

- **PanCam** - The **Panoramic Camera**
- **ISEM** - **Infrared Spectrometer for ExoMars**
- **CLUPI** - **Close - UP Imager**
- **WISDOM** - **Water Ice and Subsurface Deposit Observation On Mars**
- **Adron**
- **Ma_MISS** - **Mars Multispectral Imager for Subsurface Studies**
- **MicrOmega**
- **RLS** - **Raman Spectrometer**
- **MOMA – Mars Organic Molecule Analyser**



Search for chemicals possibly related to past or present life on other planets in solar system
If life ever arose on the Red Planet, it probably did when Mars was warmer and wetter, sometime within the first billion years following planetary formation. Conditions then were similar to those when microbes gained a foothold on the young Earth. This marks Mars as a primary target for the search for signs of life in our Solar System.

What is life? What's the origin of life? Are we alone? What ingredients does life need?
How do we recognize life? Where do we look?
What instruments will we use to measure life?

A Proton rocket will be used to launch the mission



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<http://exploration.esa.int/mars/48088-mission-overview/>

MOMA – Mars Organic Molecule Analyser

