

are any; several radiation experiments to measure the particles on the lunar surface, and then a magnetometer to study whether the Moon has a magnetic field or not.

Here are some of the geological tools he will use on the surface (fig. 27), and I think you saw some of these in an earlier tour today. Here are the smaller tools, and his tool carrier.

We are trying to build a biological sampling device which will bring back a sterile sample from beneath the lunar surface that has been untouched by man, a camera, drive tubes, possibly a weighing scale, and, the all important sample boxes. These boxes, he will put the lunar samples in, seal them and carry them back to the LM. We have two boxes, two identical boxes, and each will weigh, when loaded, about 40 pounds apiece.

This is the scientific package that will be left on the Moon's surface. Incidentally, this is being built for us by Bendix of Michigan, the central station. Various experimenters are providing the individual experiments. Here is the astronaut with the sample box (fig. 28), in a separate operation, and a tool, getting a sample from beneath the lunar surface. After he has filled his boxes, returned them to the LM and returned to earth, we will then take a look at what we do with the samples next (fig. 29).

From the aircraft carrier in the recovery zone, the lunar samples, data film and tapes, and certain biospecimens, will be flown back to the Lunar Receiving Laboratory at Houston.

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