

This hand-operated set is designed to sample both soil and groundwater with one complete kit. A variety of augers in 7cm and 10cm diameters are included for sampling in all types of soil to a depth of 7m (about 23'). Auger heads can be changed as different soil types are encountered.

Once water is reached and the soil is too soggy to maintain a borehole, the casing sections are used to support the sides until sampling is complete. Water, sludge, and undisturbed soil can all be removed with the various components of the kit.

Everything needed for this type of sampling in any soil type is included and will fit in the heavy-duty aluminum equipment case included with the set. The components and quantities are in the following list:

Note: Hand-operated bailer boring set for heterogeneous soils, standard set for augering to a depth of 7m with unpainted augers for environmental research.

| Quantity | Description |
|----------|--|
| 1 | Handle, normal, 60cm, with all synthetic detachable grip (includes coupling sleeve), bay |
| 1 | Handle, long, 100cm, with all synthetic detachable grip (includes coupling sleeve), bay |
| 1 | Edelman auger, bottom part, clay type, bay, 7cm dia. |
| 1 | Edelman auger, bottom part, clay type, bay, 10cm dia. |
| 1 | Edelman auger, bottom part, comb type, bay, 7cm dia. |
| 1 | Edelman auger, bottom part, comb type, bay, 10cm dia. |
| 1 | Edelman auger, bottom part, sand type, bay, 7cm dia. |
| 1 | Edelman auger, bottom part, sand type, bay, 10cm dia. |
| 1 | Edelman auger, bottom part, course sand type, bay, 7cm dia. |
| 1 | Edelman auger, bottom part, course sand type, bay, 10cm dia. |
| 1 | Riverside auger, bottom part, bay, 10cm dia. |
| 1 | Auger for stony soil, bottom part, bay, 7cm dia. |
| 1 | Auger for stony soil, bottom part, bay, 10cm dia. |
| 1 | Spiral auger, bottom part, bay, 4cm dia. |
| 1 | Piston sampler (includes transport tube), bottom part, 75cm operating length, bay |
| 1 | Polyester rope, plaited, two pieces, 6mm dia., 5m length, with noose, includes carabine hook |
| 1 | Stone catcher, bottom part, bay, 7cm dia. |
| 1 | Gouge auger, bottom part, 50cm operating length, bay, 3cm dia. |
| 1 | Ben spatula, 20mm breadth |
| 6 | Extension rod—100cm (includes doupling sleeve), bay |
| 1 | Push/pull handle, 22.2mm dia. |
| 7 | Casing tube, synthetic (ABS) with steel screw thread sockets, 90 x 76mm dia., 1m length, left hand coarse round screw thread. Screw thread closes in 2.25 turns and an o-ring seals it for fine sand. Weighs 4.1kg |
| 7 | Thread protector, synthetic (ABS), for casing tube 90mm, for left hand, coarse, round, inside screw thread |
| 7 | Thread protector, synthetic (ABS), for casing tube 90mm, for left hand, coarse, round, outside screw thread |
| 1 | Casing shoe, steel, for casing tube 90mm, with left hand, coarse, round, inside screw thread, 10cm length with welded nothes |
| 1 | Casing head, steel, for casing tube 90mm, with left hand, coarse, round, inside screw thread |
| 1 | Lifting cap, steel, for casing tube 90mm, with left hand, coarse, round, inside screw thread, includes swivel eye |
| 1 | Casing tube clamp, 90mm dia. with left hand, coarse, round, inside screw thread |
| 1 | 63mm-dia. bailer, stainless steel, with bailer shoe (stainless steel valve) 75cm operational length, bayonet |
| 1 | 63mm-dia. bailer, stainless steel, with bailer shoe (synthetic valve), 75cm operational length, bayonet |
| 1 | Bailer shoe with synthetic valve, 63mm dia. |
| 2 | Coupling sleeves |

- 1 Sounding device, 17mm dia., with eye
- 1 Measuring tape, glassfibre with hook for sounding device, 5m length
- 1 Field data registration set
- 1 Work gloves, chemical resistant, sturdy, with short sleeve, pair
- 1 Maintenance kit (brush, oilpad, vaseline)
- 1 Plastic sample case, 60 x 40 x 15cm dimensions with 24, 500cc plastic sample bottles
- 1 Casing tube cleaner, 90mm dia.
- 1 Aluminum transport case, 112 x 39 x 32cm (outside dimensions)

Ordering Information

290230 Bailer/Boring System, 210.0 lbs.

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