

SOIL SAMPLE RINGS

FOR THE COLLECTION OF MINIMALLY DISTURBED SOIL SAMPLES

UGT offers soil sampling rings in various designs, whose dimensions and materials are optimally matched to use with a wide range of field and laboratory instruments. Available in stainless steel or acrylic and in various sizes, they can be combined with devices such as the ku-pF apparatus, permeameters, and air or gas pycnometers.



ADVANTAGES

- Preservation of the natural soil structure
- High sample quality due to minimal disturbance during sampling
- Defined sample volumes using standardized soil sample rings
- Representative soil samples for physical, hydraulic, and material analyses
- Suitable for determining key parameters such as soil density, pore volume, moisture content, and hydraulic conductivity
- Suitable for field and laboratory analyses
- Careful transport of the collected soil sample

ACCESSORIES

The right accessories such as lids, cutting plate, insertion plates, and soil samplers make sampling easier, reduce the amount of work required, and help ensure high-quality soil samples. Special transport cases in various sizes are available for the safe transport of samples to the laboratory.



TECHNICAL DATA SOIL SAMPLE RINGS

VOL.	MATERIAL	Ø INSIDE / OUTSIDE	HEIGHT	WEIGHT	FEATURES	ITEM NO.
21 cm ³	Acrylic	Ø30 / 34 mm	30 mm	7,3 g	without a cutting edge	2300650
		Ø30 / 34 mm	30 mm	6,6 g	single-edged blade	2300651
1225 cm ³		Ø114 / 120 mm	120 mm	154 g	single-edged blade	2300740
100 cm ³	V2A	Ø56 / 60 mm	40,5 mm	102 g	unnumbered	2301500
					numbered	2301580
		Ø50 / 54 mm	51 mm	124 g	unnumbered	2301501
					numbered	2301581
250 cm ³	V2A	Ø72 / 76 mm	61 mm	204 g	unnumbered	2300520
					numbered	2300530 / 1430100 (Set for ku-pF: 10 pieces, numbered, with lids)
		Ø80 / 84 mm	50 mm	195 g	unnumbered	5000016
					numbered	5000017
1140 cm ³	V2A	Ø110,3 / 114,3 mm	119,3 mm	618 g	unnumbered	2300560

TECHNICAL DATA LIDS

ITEM NO. LID	MATERIAL	Ø INSIDE / OUTSIDE	HEIGHT	WEIGHT	FOR SOIL SAMPLE RINGS, ITEM NO.
2300660	Acrylic	Ø34 mm	2 mm	2,3 g	2300650 / 2300651
5530000	PE-LD	Ø54 / 56,5 mm	14 mm	3 g	2301501 / 2301581
5530001	PE-LD	Ø60 / 63 mm	12 mm	4 g	2301500 / 2301580
5530002	PE	Ø76 / 84,3 mm	20 mm	16 g	2300520 / 2300530
5000018	TPE	Ø84 / 93 mm	22 mm	24 g	5000016 / 5000017
5000019	Alu	Ø84 / 90 mm	11,5 mm	31 g	5000016 / 5000017
2300540	Alu	Ø76 / 80 mm	12 mm	29 g	2300530 / 1430100
2300550	PE	Ø76 / 80 mm	20 mm	20 g	2300530
2300570	PE	Ø114,3 / 118,5 mm	37,5 mm	39 g	2300560
2300583	PE	Ø120 / 125 mm	37,5 mm	56 g	2300740