

## UMSD-SPT DYNAMIC PROBING RIG DPL, DPM, DPH AND DPSH - 10, 30, 50, 63,5 kg

**UMSD-SPT Dynamic Probing Rig with the internal HONDA GX 100 combustion engine can be converted to different weight and drop standards. Modern and comfortable construction can be used for light, medium, heavy and super-heavy dynamic probing as well as for window sampling up to 80 mm.**



The basic building unit is collapsible mast and associated with the base unit for adjustable wheels for easy movement of equipment at the worksite. To set the mast in vertical position you can use two adjustment knobs that turn causes an independent movement of the wheels and the mast.

At the base of the mast drivetrain working system is mounted, which consists of a Honda GX-100 engine and gears to transmit power to the chain stroke - lifting mechanism.

The internal combustion unit the device is independent from external power supply sources and can be used even in various terrain conditions.

On the mast you can find lifting mechanism, slide hammer assembly with brass anvil and stroke counter.

Device can be equipped with a set of accessories (extension rods, cones, window samplers and extruder for rods) - according to the customer requirements.

### SPECIFICATION OF THE PENETROMETER:

Weight	110 kg
Total height	2350 mm
Width	780 mm
Transport height (with folded mast)	1400 mm
Possible vertical inclination	
- side slope	10°
- frontal slope	10°
Flexible number of blows	15 - 30 blows per min
Weight of the drop-weight	10, 30, 50 or 63,5 kg
Drop height	500 and 750 mm

### SPECIFICATION OF THE ENGINE:

HONDA engine type GX100	
	1-cylinder
	4-stroke
	aircooled
Capacity	0,097 dm <sup>3</sup>
Power	1,9 kW
Fuel	unleaded E95
Tank capacity	1,4 dm <sup>3</sup>

ACCORDING TO PN-EN ISO 22476-2

