

Stand for studying the hydraulic and technical characteristics of drilling tools and devices contains a drill pipe, a drive mechanism, a core shell, a main channel, a control and measuring unit. The drill pipe is passed through the drive mechanism of the hydraulic drilling machines and tools under study and is connected by a triple bearing lock to a core shell of the housing type located in a circulation chamber formed by a lower base containing a receiving tray and a drainage channel. Also, a housing cover equipped with a sealing plate with seals and connected to right clamping screws with control wheels, the length of movement of which is regulated by limiters. The circulation chamber, the volume of which changes by means of the required movement of the sealing plate with seals, and the core-type core shell receive mutually opposite directions of movement of the flushing fluid, which is due to the appropriate setting of the circulation and recirculation modules hydraulically connected by the main channel, equipped with a system of interacting devices, pumps and valves, the hydraulic characteristics of which are determined by control and measuring units.