The Magnetic Field Measuring of the Excharm Spectrometer, A.N. ALEEV, V.P. BALANDIN, A.A. BORDYUKOV, N.F. FURMANETS, I.G. KOSYREV, S.I. KUKARNIKOV, N.A. KUZMIN, V.K. MAKOVEEV, A.SH. MESTVIRISHVILI, YU.K. POTREBENIKOV, I.P. YUDIN, A.I. ZINCHENKO, LPP, JINR, Dubna, Russia - The Excharm facilities are used to study the production and decay of charmed particles and search for exotic hadron states. It is placed in a neutron channel of the accelerator U-70 (IHEP, Protvino). The electromagnet of the spectrometer has the following external dimensions: 450 x 323 x 305 cm^3. The magnetic field was measured by the Hall Three-Channels Magnetometer in automatic regime on line PC. The working area of the measurements was 240 x 32 x 378 cm^3. The report presents the description of the measuring devices and procedure. The results of the measurements and their precision are discussed in the paper.