Computer-aided design tools have become popular in the engineering education field due to their flexible and user-friendly properties. In this study, an educational tool was developed for an induction motor, fed by a two-or three-level inverters. The space vector PWM technique is used for controlling inverters. The training set was written in the C# programming language, by using the Microsoft Visual Studio 2010 environment. The set has a flexible structure and graphic interfaces. Circuit responses in different operating conditions are monitored with the aid of graphs and all parameters of the set can be modified easily.