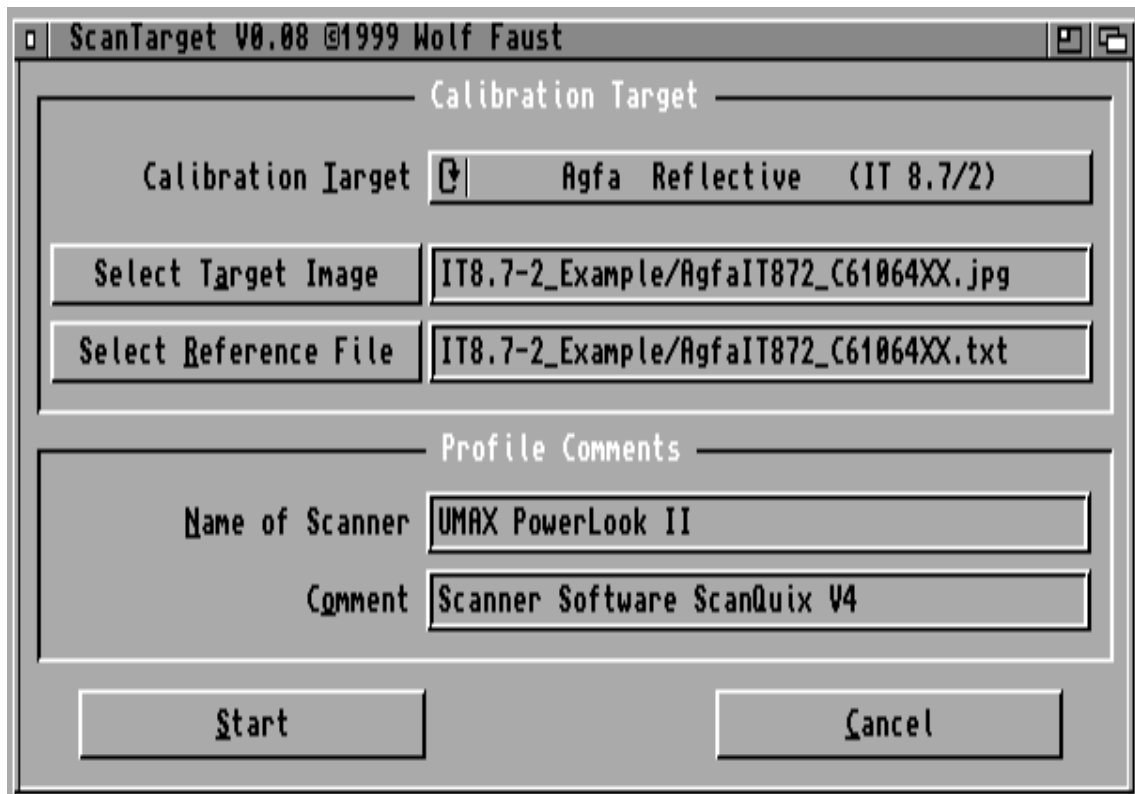# 5. Calibrating the Scanner using ScanTarget

Figure 5.1: The ScanTarget program.

Calibrating your scanner is the first thing you must do after installing ICS. In order to calibrate your scanner use following steps:

- Get yourself a scanner color calibration target if not already available or shipped with your scanner. For best results choose an ICS target or a standard IT 8.7 calibration target from the manufacturer of your photo paper or slide film. Calibration targets are made for a specific photo paper or slide film. Reflective calibration targets are usualy not very specific. So you can calibrate your scanner using a Agfa IT 8.7/2 target but than scan a photo on Kodak Royal paper without causing major faults in the scan results.

  However, their are huge differences between slide films. So usualy you have to get an IT 8.7/1 calibration target for each type of slide film.

  IT 8.7/2 reflective calibration targets usualy costs \$ 50 while IT 8.7/1 targets for slide films are much more expensive (expect prices arround \$ 80).

  Targets can be ordered from Wolf Faust or the manufacturers (Agfa, Fuji, Kodak,...). If you don't want to buy a cheap calibration target from Wolf Faust as described in the ORDER file, expect that most of the IT 8.7 target manufacturers are huge companies. The person answering your phone call might not know IT 8.7 targets or they are sold under a different name (for instance Kodak Q60). In this case, it sometimes help to ask for personal from the scanner department.