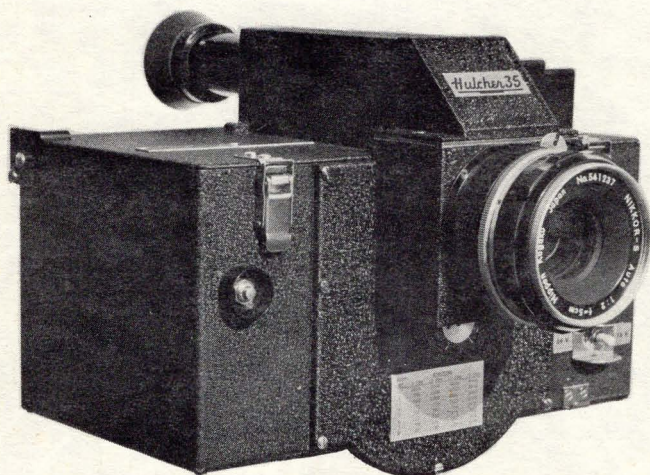


THE
HULCHER
TEAM
PRESENTS





HULCHER MODEL 112

A UNIQUE 35 mm SEQUENCE CAMERA

- Takes 24 x 36mm pictures, one at a time or up to 60 per second.
- Weighs only 3 1/2 pounds.
- Holds 100 feet of film - (150 feet of thin base).
- Focuses through the lens with beam splitter.
- Has shutter speeds from 1/25 second to 1/12000 plus strobe sync.
- Operates from 12 VDC or 24 VDC battery attached, or separate power pack.
- Accepts Nikon lenses or others as required.
- Reasonable custom modifications.
- Proven in service - sports, commercial and military photography.

The Hulcher Model 112 represents the results of 22 years of experience in the design and manufacture of sequence cameras. This new 35mm sequence camera combines the best of our engineering and precision machining techniques, which have been directed toward meeting the everyday requirements in the fields of press, sports, scientific, commercial and military photography.

The Model 112 camera is 100 per cent American made right in our laboratories in Hampton, Virginia. The relatively small size of our organization makes it possible to deal individually with our customers and to produce many special modifications at reasonable costs. Every effort was made to make the camera as small and light as possible. The basic camera weighs only 3½ pounds and the camera body is 4-1/8" high x 8-1/4" wide and 5" deep.

The camera body is heliarc welded of high strength aluminum alloy and anodized. All bearings are self-lubricating and very little maintenance is required. Film is transported intermittently by means of the Hulcher orbital rotating roller principle. There are no pull-down claws or reciprocating parts. All components rotate at a constant preset speed, reducing wear and keeping vibration to a minimum. Only the film loop starts and stops for each exposure. The film is held flat on four sides and the back, providing excellent film plane stability. Negative size is 24 x 36 mm. Resolution of 56 lines per millimeter with ordinary films and processing, is normal. The camera holds 100 feet of standard film on number 10, daylight loading spools; or 150 feet of thin base film. Lenses are interchangeable. Nikon type mount is standard; however, others are available. Continuous through-the-lens focusing is standard with a beam splitter providing 70% light to the film and 30% for continuous focusing. The standard camera has a ground glass screen and cover at the top of the camera, just behind the lens. A special through-the-lens image erecting and focusing system is available at extra cost. This includes a focusing eyepiece with rubber eye cup.

rotary disc shutter provides high efficiency exposures; 8 settings are available for each frame rate. The largest opening provides total coverage of the format for use with the electronic flash. Shutter settings are easily made by pulling out a dial and rotating it to the setting required. A metal exposure chart indicates exposures available with each camera frame rate. A strobe switch with plug is also available on order.

The standard camera operates from a small 12 volt battery. Approximately three to four amperes is required to run the camera. Batteries are available in four ampere hour lead dioxide units in stainless steel case, or if desired, in a small light-weight unit of 1 ampere hour capacity for mounting directly to the bottom of the camera. When frame rates in excess of 25 per second are required, a small 28 volt or 1.5 ampere hour unit may also be obtained for mounting beneath the camera. Frame rates are accurately controlled by a small centrifugal electric governor. Rates up to 65 frames per second are available. Single frame operating mode, may also be ordered. This type requires quickly pressing the releasing the start button for each successive single frame. The standard camera is equipped with a film footage indicator which reveals the approximate length of film left in the camera. A special geared numerical counter which counts each foot of film used, thick or thin base, is available on special order.

The camera is started and stopped with a conveniently located button on the front side of the camera. It is protected from accidental starting. The standard camera has a frame rate selector switch for 2 frame rates such as 5 and 10, 10 and 20, etc. In special cases where environmental conditions are extreme, an electric tachometer calibrated in frame rates, may be installed. Four speed governor control or infinitely variable frame rate controls may be built into the camera. A pistol grip trigger switch handle with electrical connector for remote operation is also available. This unit attaches to the standard tripod mount.

The Model 112 camera is painted with black crackle baked-on paint. Other colors are available at a small additional charge.

When used in scientific photography, modifications such as fiducial marks, light emitting diodes for timing and data chambers may be installed. Run out and buckle switches are also available. The beam splitter may be replaced with a front surface mirror.

A handsome simulated leather case with contoured foam interior, provides protection for the camera and related equipment.

These cameras have been thoroughly proven in sports, scientific and military use. Please feel free to call or write concerning any additional information you may require.

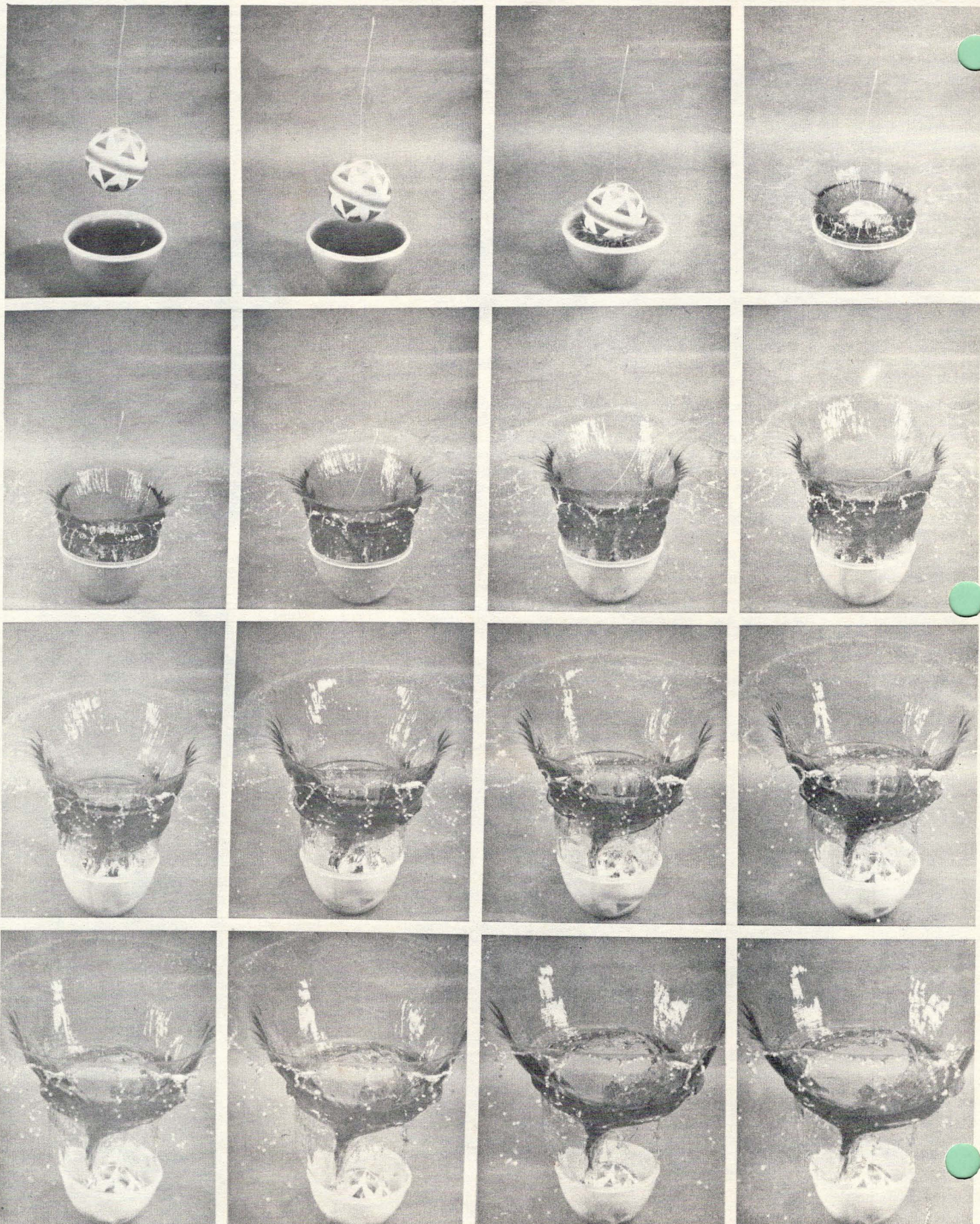


Internationally famous Sports and Commercial Photographer, John Zimmerman with one of his Model 112 HULCHER CAMERAS

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MADE WITH THE MODEL 112 50 FRAMES PER SECOND