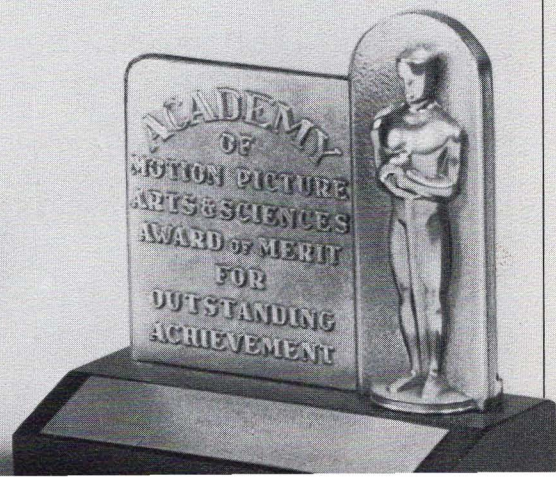
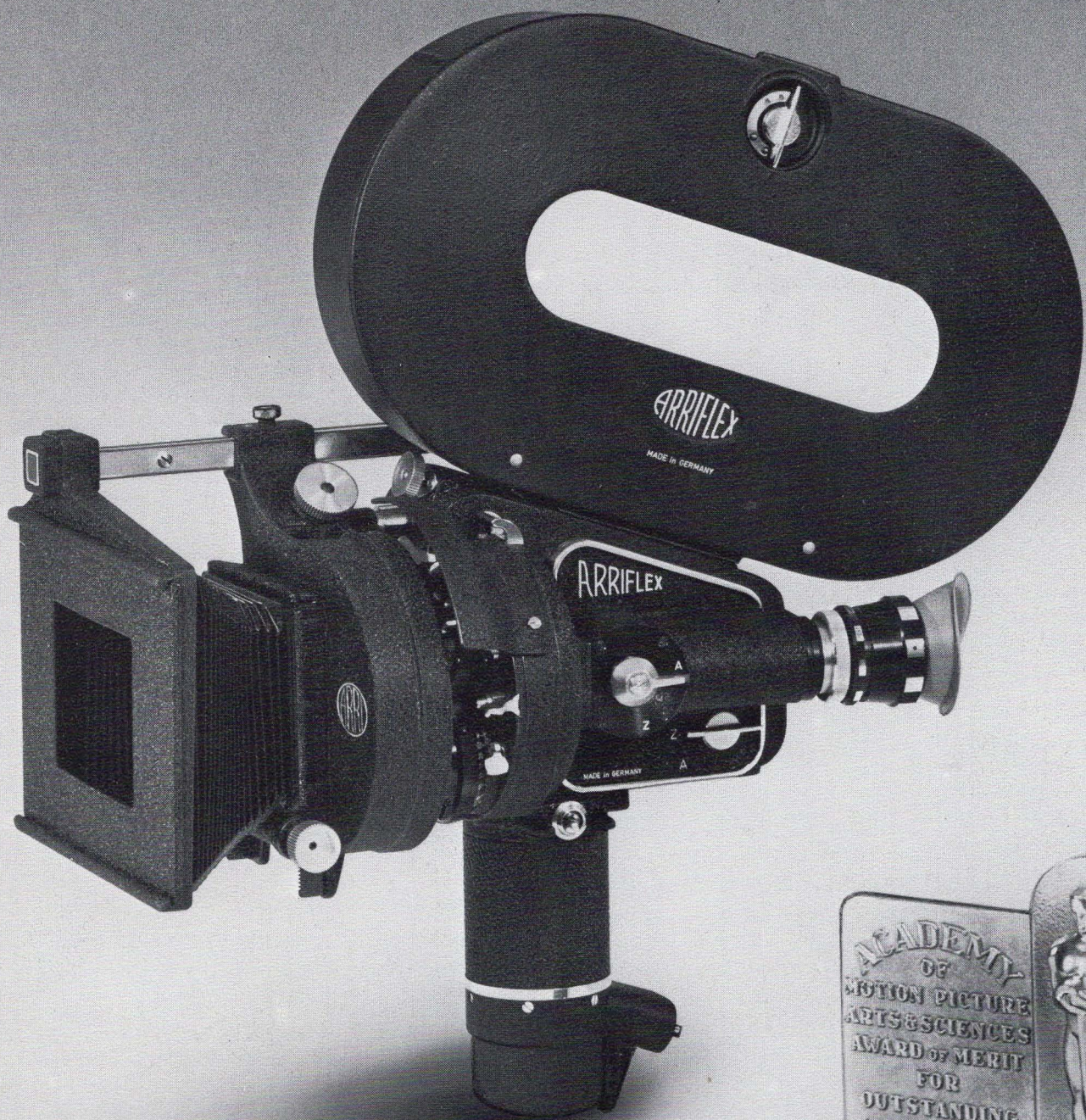




# ARRIFLEX

## 35 II C



# ARRIFLEX 35 IIC

**The** system camera for practically all fields of professional cinematography.

Sturdy precision guarantees reliability with this camera – even under extreme conditions. The ARRIFLEX mirror-reflex system, together with the exact film transport system and precision film gate ensure optimal security for the cameraman's work.

For the development and engineering of the ARRIFLEX 35 II C, ARNOLD & RICHTER was awarded in 1966 an Academy Scientific and Engineering Award from the Academy of Motion Picture Arts and Sciences in Hollywood, which thereby recognized an outstanding achievement, on an international level, in the field of film technology.

## The interchangeable ARRIFLEX viewfinder eyepiece

The standard viewfinder has a hinged lens cap on the eyecup to prevent undesired light from entering the camera. In the automatic viewfinder a closure mechanism opens automatically when the eye is pressed against the eyecup. If the automatic mechanism is cut out, the closure mechanism remains locked in an open position. Both viewfinder eyepieces ① have a diopter adjustment.

## Periscopic viewfinder attachment for eyepiece

The periscopic viewfinder attachment ② can be mounted between the viewfinder tube and the eyepiece. It consists of a combined prism and lens system, the mount of which can be swivelled and rotated.

## Scope photography with the ARRIFLEX 35 II C

The finder system provides the cameraman with the full CinemaScope optical sound format (18,67 mm x 22 mm). For scope photography with anamorphic lenses, a camera door ③ with switchable anamorphic lens element is available.

## The viewfinder ground glass

We supply interchangeable ground glasses with standard, TechniScope, wide-screen, anamorphic and ISO TV format markings. Individual markings of other formats, crossed hairs, grids, etc., are also available on special order.

## The lens turret with special lens mount

One of the three lens openings in the lens turret ④, made of hardened steel, is constructed as a special lens mount with bayonet lock. Lenses intended for this mount have a corresponding lock adapter. ARRIFLEX lenses with standard mounts can also be set in the special lens mount.

## ARRIFLEX lenses

Our program includes lenses for every shooting situation; we supply fixed focal length and zoom lenses and ARRIFLEX/Zeiss ⑤ High Speed lenses. All lenses with the special ARRIFLEX mount are coated and colour corrected.

## Lens support

A lens support ⑥ program is available for long, heavy zoom or telephoto lenses. Please see our current price list for further details.

## Sunshade, matte box and filters

As a rule we always recommend the use of a matte box. The metal sunshade ⑦ for two 75 mm x 75 mm (3" x 3") filters has proven itself to be most sturdy under rough conditions. Further, we supply a matte box with adjustable leather bellows and filter holder for 75 mm x 75 mm filters. For rectangular graduated filters 100 mm x 75 mm (4" x 3"), the filter holder can be vertically adjusted steplessly.

We offer a selection of dyed-in-the-mass 3" x 3" glass filters of high optical quality. Graduated filters, polarizing filters and Tiffen filters are also available.

## Servo zoom drive

Servo zoom drive for the Angénieux 25–250 mm ⑧ with the wide zoom range from approximately 1 second to maximum 8 minutes (1:480!). The optional constant or steplessly adjustable zoom speed is regulated by the thumb control (automatic "0" position) of the servo hand grip mounted on the pan handle. Besides this "free" type of drive it is possible to stimulate Dolly shots etc. The noise level at a distance of 3 ft and a run-through time of 3 seconds is approximately 26 dB over the entire zooming range.

## Camera drive motors

We supply variable speed motors for 8–35 fps, forward and reverse drive, in 16 V and 24 V models. Governor controlled motors for 24 or 25 fps 16 V. The ARRIFLEX 35 II C HS runs from 20–80 fps and is provided with a 32 V DC motor with additional rheostat. An angular geared base with 3/8" tripod thread is available for fitting 16 V motors on the side of the 35 II C when it is positioned on a tripod or flat surface. A 220 V 50 Hz synchronous motor (on request, available with bayonet ring fastening), used with an intermediate gear base, for 24 fps or 25 fps, with counter

for meters or feet, ensures mains synchronization. For DC governor controlled running, we supply a 24 V motor for fastening to the intermediate gear base. On request, this motor is also available with bayonet ring fastening.

### ARRIFLEX magazines

For the ARRIFLEX 35 II C, handy single-compartment magazines for 200 ft and 500 ft film ⑨ are available. The 500 ft magazine is equipped for forward and reverse run. Available as accessories are: film loop protector; magazine changing bag for 200 ft and 500 ft magazines - of sturdy design, black; padded magazine covers, black or white, for 200 ft magazines and for 500 ft magazines.

### Batteries and chargers

We supply Dryfit and Nickel-Cadmium batteries with the appropriate chargers ⑩. Please consult our current price list for further details.

### Pilotone system

All ARRIFLEX 35 II C models, with the exception of the 35 II C HS, can be delivered, on request, with a pilotone generator.

### Automatic start marking system

The models II C (P + St) and II C BV (P + St) are equipped with automatic start marking and pilotone generators.

### ARRIFLEX 35 II C BV

The variable shutter ⑪, from 0°-165° in 15° settings, enables reduction of exposure times when shooting fast moving objects, to counteract unusually strong light or to reduce undesirable depth of field.

### ARRIFLEX 35 II C HS

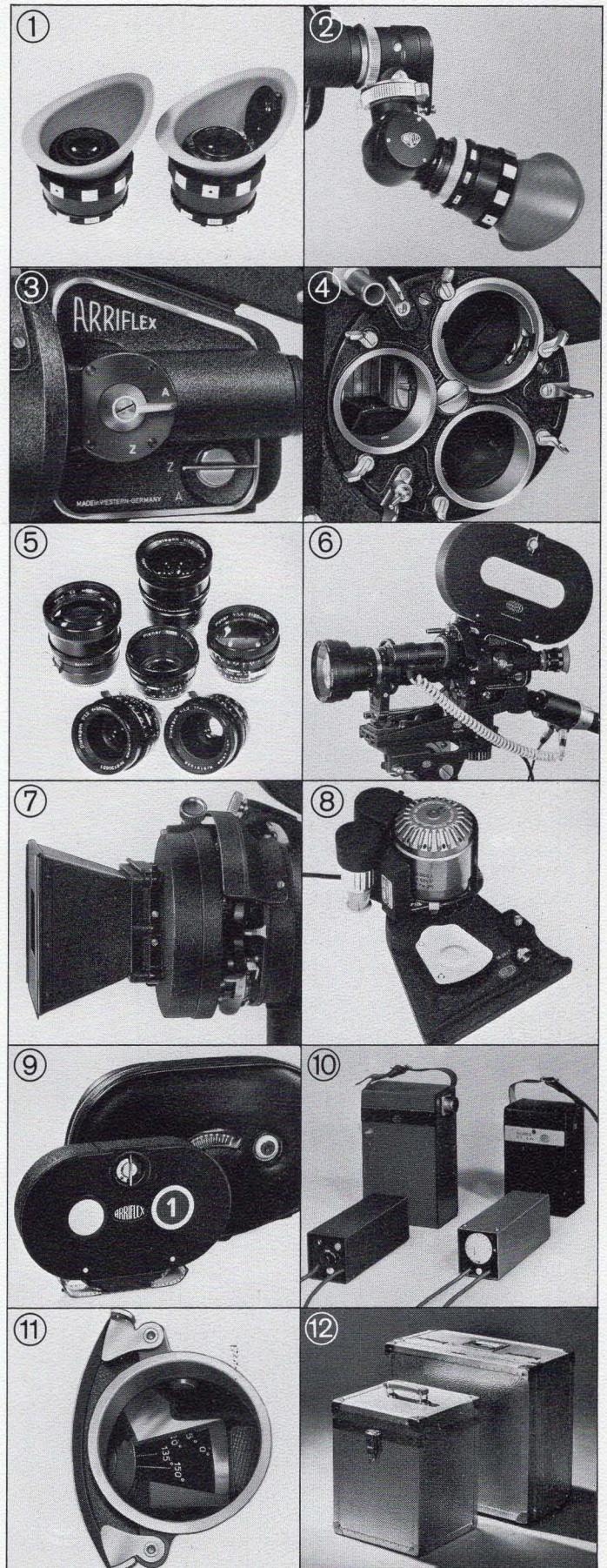
Equipped for higher film speeds from 22 to 80 fps. Tachometer with extended range from 0 to 80 fps. 32 V special DC motor and separate rheostat with knob for regulating frame speed. Only for forward drive and not supplied with a variable shutter or with pilotone or start marking systems.

### Tripods

We supply camera tripods and accessories (for example, tripod spiders, rolling spiders etc.) for all filming situations. Please consult our current price list.

### Cases

For carrying and storing the ARRIFLEX 35 II C together with one 500 ft and one 200 ft magazine, shoulder pod and small accessories there is available a tropic resistant case. Also available is a case for three 500 ft magazines ⑫.



# Technical Data

## Film Width

35 mm

## Film Material

35 mm standard negative film, black and white or colour

## Camera Speed

8-35 fps steplessly, 24 or 25 fps fixed speed. Forward and reverse travel

## Film Capacity

200 or 400 ft magazines with footage counter

## Viewfinder System

Mirror-reflex viewfinder system with mirror-reflex shutter, interchangeable ground glasses with diverse format markings, interchangeable viewfinder eyepieces, 6.5 x total magnification with or without automatic closure, special camera door for Scope shots, switchable for normal and undistorted viewing. Diopter adjustment, mount for correction lenses, left or right eye viewing, periscopic finder attachment for lowlevel shots

## Lens Opening

Lens turret for use with 3 lenses with special quick-change mount; one lens mount of special steel with bayonet lock for heavy and long lenses

## Lenses

Lenses from well-known manufacturers from 9,8 mm, no upper limit on focal length, extension tubes for macro filming, zoom lenses

## Film Gate

Film gate with spring-loaded rear pressure plate. Side rail fixed on the claw side, spring loaded on the opposite side. All parts of special stainless steel

## Film Transport System

Mechanically coupled, driven from camera motor, with 400 ft magazine, reverse travel also possible

## Camera Motors

Motors with various functions for DC or AC use, power supply from battery or mains

## Control Devices

Tachometer 0-50 fps.  
Footage counter, calibrated in meters or feet on magazine

## Tripod Thread

3/8"

## Temperature Range

-25°C to +40°C (-13°F to +104°F), range extendible on request

## Dimensions

Length 15" (380 mm)  
Width 8" (200 mm)  
Height 15 3/4" (400 mm)  
(with matte box, motor and 200 ft magazine)

## Weight

12 lbs (5.5 kg) - with matte box, 3 lenses, motor and 200 ft magazine, but without film

## Further Accessories

Batteries, matte boxes, ground glasses, filters, tripods, chargers, power supply units

## Additional Equipment

Conversion for Techniscope II system  
Synchronous motor gears for picture/sound filming (double-system)

## Special Versions of the ARRIFLEX 35 II C

Model II C BV with variable shutter 0-165°  
Model II C (P + St) with Pilotone (50 or 60 cycles) and start marker systems for film and tape  
Model II C BV (P + St) with variable shutter 0-165°, Pilotone (50 or 60 cycles) and start marker system  
Model II C HS for camera speeds from 20-80 fps

## Techniscope II System

ARRIFLEX 35 motion cameras can easily be equipped for this system

