FOR SALE
1x used Philips Spirit HD SDC 2000 Data Cine Film Scanner

HD Option for 1080i and 1080p included
Wetgate Option included
Colour Correction Davinci 2K Plus included

Dry Gates:
1x Kodak Full Aperture 35mm Lens Gate
1x Kodak Super 16mm Lens Gate

Wet Gates:
1x Kodak Aperture 35mm Lens Gate
1x Kodak Super 16mm Lens Gate

Colour correction:
Davinci 2K Plus
(Mainframe, IBM-GUI-PC, Gallery-PC and 3x 2K Plus Panel)

Aaton Keycode Reader included

Many more spare parts available – description below!

One TV Store Board does not work at the moment – it is possible to repair it on request

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Price on request:
Excl. VAT
Excl. shipping & insurance costs
Excl. custom fees

Workflow Spirit Data Cine:

Spirit DataCine is a telecine and/or a motion picture film scanner. This device is able to transfer 16mm and 35mm motion picture film to NTSC or PAL television standards or one of many High-definition television standards. With the data transfer option a Spirit DataCine can output DPX data files. The image pick up device is a solid state charge-coupled device. This eliminated the need for glass vacuum tube CRTs used on older telecines. The units can transfer negative film, primetime, intermediate film and print film, stock. With a sound pick up option, optical 16mm and 35mm sound can be reproduced, also 16mm magnetic strip sound. The unit can operate stand alone or be controlled by a scene by scene colour corrector. The operator of the unit is called a Colourist or Colourist Assistant.

The Spirit DataCine has become the standard for high-end real-time film transfer and scanning. In 1996 Philips, working with Kodak, introduced the Spirit DataCine (SDC 2000), which was capable of scanning the film image at HDTV resolutions and approaching 2K (1920 Luminance and 960 Chrominace RGB) x 1556 RGB. The SDC 2000 Spirit DataCine uses two physical CCD, one for Chrominace and one for Detail/Luminance. The unit used two CCDs for improved Signal to Noise ratio. The chroma CCD gave the unit high signal to noise ratio and the Luminance CCD gave the unit its high bandwidth. Inside the Luminance CCD are 4 electrical CCDs. Inside the Chrominace are 3 electrical CCDs: red, green and blue. With the data option the Spirit DataCine can be used as a motion picture film scanner outputting 2K DPX data files as 2048 x 1556 RGB. The normal input data file standard is DPX. The data files are often used in DI – digital intermediate post-production using a film recorder for film-out.

Spirit HD Data Cine Film Scanner:
Including HD-Option
Including Schmitzer Wetgate
Acceptance Test done in May 1998
Former Philips control panel has been changed to a newer Thomson GCP1-100
Touch Screen Panel changed from Spirit SDC 2002
One of the TV Store Boards does not work – can be changed on request

Dry Gates:
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1x Kodak Super 16mm Lens Gate

Wet Gates:
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Colour Correction:

1x Davinci 2K Plus
(Mainframe, IBM-GUI-PC, Gallery PC and 3x 2K Plus Panel)

1x Aaton Keycode Reader

Spare parts:

Thomson SDC 2002 without HD option
Expanded or changed:
CCD unit
Winding Motor
Some single part papst-fans
FD1301 Detail Extractor Board
Thomson CGP-1 Touch panel
Extra power supply
additional Davinci 2K Plus colour correction system
(Mainframe, IBM-GUI-PC, Gallery PC and 3x 2K Plus Panel)

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Pictures of the equipment:

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Kodak Super 16mm Lens Dry Gate

Kodak Full Aperture 35mm Lens Dry Gate

Kodak Super 16mm Lens Wet Gate

Kodak Aperture 35mm Lens Wet Gate

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Davinci 2K Plus colour correction system
(Mainframe, IBM-GUI-PC, Gallery PC and 3x 2K Plus Panel)

DaVinci 2K Colour Correction System

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DaVinci K2 Colour Correction System
Mainframe

For more information please contact:

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