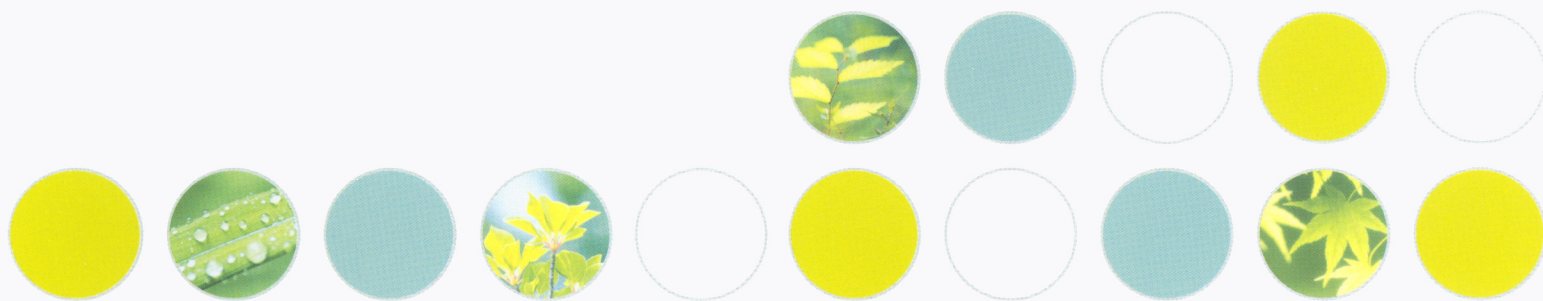



## QUARTZ MOVEMENT CATALOGUE 2008-2009



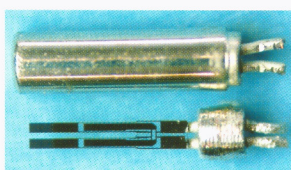
# History

The state of art technology which developed the world's first quartz movements has taken us to assume the leadership role in the watch industry for decades.

Development history of the Movement		Key Words and Concept
1969	The World's First Quartz Movement	Analogue Quartz Development
1971	The World's First Quartz Movement With Day & Date Function	
1972	The World's First Quartz Movement For Ladies	Downsizing
1973	Quartz Movement With $\pm 2$ seconds per month accuracy	High Accuracy
1978	Quartz Movement With $\pm 5$ seconds per year accuracy	
1983	The World's First Chronograph Quartz Movement	Multi-Function
1988	The World's First Quartz Movement With Automatic Generating System	Environmental Protection
Future	 New Development For Next Stage	

The development of the following parts have contributed to the growth of watch industry.

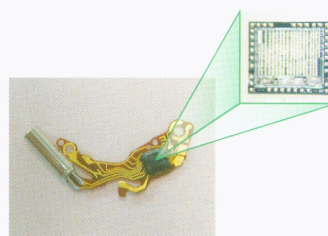
Nowadays, those technologies are commonly used for analogue quartz movements in all over the world.



Tuning-fork type crystal resonator



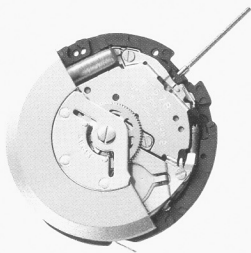
Stepping motor to convert electric signals into mechanical movements



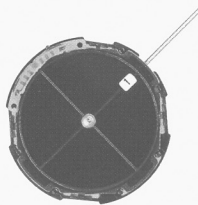
CMOS IC for watches

Solar power,  
Automatic Generating System  
and long battery life are  
our key concept  
to protect the environment.

## S. EPSON Products



YT57



VS82



VX3KG

ISO 9000/  
14000  
series





VX CALENDAR



STANDARD



AL CALENDAR



## VX SLIM SERIES

P.7

VX10/ VX11

VX50/ VX51

## VX SLIM CALENDAR SERIES

P.7-8

VX3KG/ VX32G/ VX33G

VX89/ VX82/ VX83

VX19/ VX12

VX3K/ VX32/ VX33

VX42/ VX43/ VX44

## STANDARD SERIES

P.9

Y121G/ Y127/ YR67

Y120/ Y121/ AL35

AL20/ AL21/ AL55

## AL CALENDAR SERIES

P.10

AL82/ AL83

AL32/ AL33



solar



alarm

## LADIES SERIES

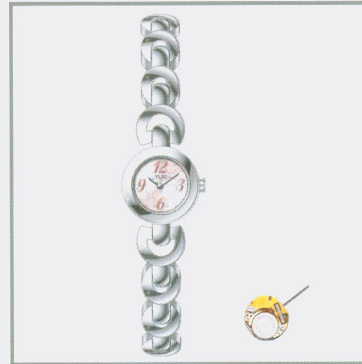
P.11

YL50

YL60/ YL61

VX00/ VX01

## LADIES SERIES



## MULTI-FUNCTION

P.12

VX36/ VX3J/ VX3H

VX3F/ VX3L/ VX3M

VX3N/ VX3P/ VX3R

## MULTI FUNCTION



## AGS

P.13

YT57/ YT58

## AGS



## CHRONOGRAPH & ALARM

P.14

YM91/ YM92/ YM62 

YM85

YM11/ YM22  / YM24 

## CHRONOGRAPH & ALARM



## SOLAR

P.15

VS10/ VS82

VS32/ VS3J

## SOLAR



## RETROGRADE

P.16

VX15/ VX16

VX45/ VX46

VX3S/ VX3T

## RETROGRADE

